

100 years

Join the ACS Centennial Celebration

STEWARDSHIP of our PROFESSION



AMERICAN COLLEGE OF SURGEONS ANNUAL

Clinical Congress

September 30-October 4, 2012

Chicago, IL

McCormick Place



AMERICAN COLLEGE OF SURGEONS

Inspiring Quality:

Highest Standards, Better Outcomes

100 years

P R O G R A M



WHEREAS, the American College of Surgeons (ACS) is dedicated to improving the care of the surgical patient and to safeguarding standards of care in an optimal and ethical practice environment; and,

WHEREAS, the State of Illinois has been the home of the American College of Surgeons since its founding nearly 100 years ago in 1913 by surgeons in the United States and Canada; and,

WHEREAS, ACS continues its work into the 21st century by "Inspiring Quality" through its innovative quality improvement programs in hospitals, by its desire and commitment to work together with health care leaders around the nation, and its objective to continue to have a tremendous impact on improving surgical care and leading our health care system in the right direction; and,

WHEREAS, as part of American College of Surgeons Awareness Days, ACS launches its centennial celebration to mark its impact on surgical innovation and progress for the past 100 years during its 2012 Annual Clinical Congress in Chicago, September 30-October 4; and,

WHEREAS, the 2012 ACS Clinical Congress brings one of the largest and most prestigious international surgical education conferences in the world to the great State of Illinois; and,

THEREFORE I, Pat Quinn, Governor of the State of Illinois, do hereby proclaim September 30-October 4, 2012, to be AMERICAN COLLEGE OF SURGEONS DAYS in Illinois, and encourage all Illinoisans to be aware of how the American College of Surgeons' achievements have significantly influenced the course of surgery in America and around the world, and have established it as an important advocate for all surgical patients.

In Witness Whereof, I have hereunto set my hand and caused the Great Seal of the State of Illinois to be affixed.



Debra V. Little
SECRETARY OF STATE

Done at the Capitol, in the City of Springfield,
this SEVENTEENTH day of MAY, in
the Year of Our Lord two thousand and
TWELVE, and of the State of Illinois
the one hundred and NINETY-FOUR

Pat Quinn
GOVERNOR





**OFFICE OF THE MAYOR
CITY OF CHICAGO**

**RAHM EMANUEL
MAYOR**

PROCLAMATION

WHEREAS, the American College of Surgeons (ACS) is dedicated to improving the care of the surgical patient and to safeguarding standards of care in an optimal and ethical practice environment; and

WHEREAS, the City of Chicago has been the home of the American College of Surgeons since its founding nearly 100 years ago in 1913 by surgeons in the United States and Canada; and

WHEREAS, ACS continues its work into the 21st century by “Inspiring Quality” through its innovative quality improvement programs in hospitals, by its desire and commitment to work together with health care leaders around the nation, and with its objective to continue to have a tremendous impact on improving surgical care and leading our health care system in the right direction; and

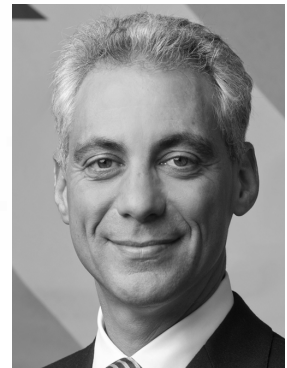
WHEREAS, as part of American College of Surgeons Awareness Days, ACS launches its centennial celebration to mark its impact on surgical innovation and progress for the past 100 years during its 2012 Annual Clinical Congress here in Chicago, September 30 – October 4, 2012; and

WHEREAS, the 2012 ACS Clinical Congress brings one of the largest and most prestigious international surgical education conferences in the world to the great City of Chicago:

NOW, THEREFORE, I, RAHM EMANUEL, MAYOR OF THE CITY OF CHICAGO, do hereby proclaim September 30 – October 4, 2012, to be AMERICAN COLLEGE OF SURGEONS DAYS IN CHICAGO, and urge all Chicagoans to recognize how the efforts and achievements of the American College of Surgeons have significantly influenced the course of surgery in America and around the world, and how it has established itself as an important advocate for all surgical patients.

Dated this 18th day of July, 2012.


Mayor



Dear Colleagues,

On behalf of the Program Committee and the Division of Education, we would like to extend to you a very warm welcome to the 2012 Clinical Congress of the American College of Surgeons (ACS). This Clinical Congress will launch the beginning of a year-long celebration of the ACS Centennial. The Clinical Congress remains the premier annual educational meeting for surgeons and continues to offer a spectrum of state-of-the-art educational opportunities that are firmly grounded in principles of contemporary surgical education and continuous professional development.

Over the past several years, major changes have been made in the program to enhance its educational value and relevance in order to meet the evolving needs of practicing surgeons, surgery residents, medical students, and members of the surgical team. Transformational changes have been introduced in the program of the Clinical Congress each year to further enhance the relevance and impact of the program.

The Clinical Congress program is organized into thematic tracks that address content of interest to all surgical specialties and specialty-based tracks that address the learning needs of various specialty groups. Each track is composed of blocks with uniform start and end times, and different types of sessions are included within these tracks. The 11 Named Lectures and 106 Panel Sessions will address a broad range of important topics that focus on the breadth of surgical practice, and will include both clinical and nonclinical content. In addition, 11 Didactic Postgraduate Courses and 12 Skills-Oriented Postgraduate Courses will be offered. Original scientific work will be presented at the Scientific Paper Sessions, Owen H. Wangenstein Surgical Forum Sessions, and Poster Presentation Sessions. More than 1,800 abstracts were received for these sessions and the best submissions were selected for presentation. In addition, more than 300 submissions were received for the Video-based Education Sessions, of which a select number were accepted for presentation. A total of 23 Panel Sessions, five Surgical Forum Sessions, and one Postgraduate Course will specifically address patient safety topics. The program will also include 55 Meet the Expert Luncheons and 17 Town Hall Meetings. Continuing Medical Education Credits earned through participation in the Clinical Congress program will be transferred seamlessly to the My CME Web pages for ACS Members. Individuals who participate in Didactic and Skills Postgraduate Courses will receive special certificates of verification based on the Division of Education's Five-Level Verification Program, as well as Self-Assessment Credits for certain Postgraduate Courses. In addition, special certificates will be awarded for designated Patient Safety, Ethics, and Trauma sessions.

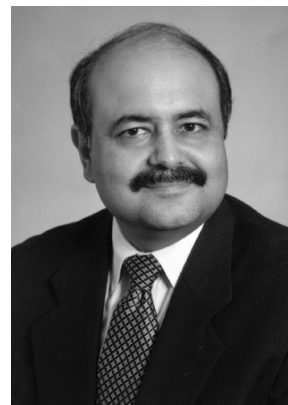
The program of the 2012 Clinical Congress should be of great value to attendees in addressing their specific learning needs defined through gap analyses, outcomes data, and self-assessments. The educational content should also assist in fulfilling requirements for Maintenance of Certification, credentialing, and privileging. We encourage you to take full advantage of this stellar educational opportunity and look forward to receiving your feedback regarding the program's new directions.

Valerie W. Rusch, MD, FACS
Chair, Program Committee

Ajit K. Sachdeva, MD, FACS, FRCSC
Director, Division of Education



Dr. Rusch



Dr. Sachdeva

Program Committee of the American College of Surgeons

Responsible for planning and implementing the continuing educational offerings of the College, primarily the Postgraduate Courses, sessions, and symposia at the annual Clinical Congress. In addition to its 12-member committee, more than 30 liaison members represent the various disciplines and groups in surgery.

CHAIR: Valerie W. Rusch, MD, FACS, *New York, NY*

VICE-CHAIR: David M. Mahvi, MD, FACS, *Chicago, IL*

MEMBERS:

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Quan-Yang Duh, MD, FACS, *San Francisco, CA*

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David R. Jones, MD, FACS, *Charlottesville, VA*

Fabrizio Michelassi, MD, FACS, *New York, NY*

Deborah A. Nagle, MD, FACS, *Boston, MA*

Amy B. Reed, MD, FACS, *Hershey, PA*

EX-OFFICIOS:

Michael T. Longaker, MD, FACS, *Stanford, CA*

Tonia M. Young-Fadok, MD, FACS, *Phoenix, AZ*

CONSULTANTS:

Robert R. Bahnson, MD, FACS, *Columbus, OH*

Barbara L. Bass, MD, FACS, *Houston, TX*

Ronald V. Maier, MD, FACS, *Seattle, WA*

William D. Spotnitz, MD, FACS, *Charlottesville, VA*

STAFF:

Ajit K. Sachdeva, MD, FACS, FRCS, *Chicago, IL*

Julie A. Tribe, MEd, *Chicago, IL*

Katie M. Anthony, *Chicago, IL*

Please Note: As the official planning committee of the 2012 Clinical Congress Program, full disclosure of the Program Committee's financial relationships are available on page 180.

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General Information

Purpose

The Clinical Congress is a scientific and educational meeting that shall be held at the time and place of the Annual Business Meeting of the Members, and shall include the Convocation (*Bylaws*, American College of Surgeons, Article VIII, Section 3).

The purpose of the Clinical Congress is to keep ACS Members and interested non-Fellow physicians abreast of the current status of the art and science of surgery. To accomplish its purpose, the Clinical Congress offers a highly diversified program of continuing education in all specialties of surgery and in important fields of science, socioeconomics, and medical education. It holds the preeminent place among all College activities designed to raise the standards of surgical practice and improve the care of the surgical patient.

The entire program presented at this meeting includes physicians drawn from various specialties. The sessions are designed to present a variety of viewpoints on matters of particular interest to those for whom the session is primarily intended and to stress the need for understanding and cooperation among the specialties.

Objective

By the conclusion of the Clinical Congress, participants should gain and be able to apply the knowledge to improve their current practice, research, and care of surgical patients.

The American College of Surgeons sponsors the Clinical Congress to promote advances in surgery and other areas of science. The information presented through the programs and exhibits is neither verified nor endorsed by the American College of Surgeons. Presenters and exhibitors are solely responsible for content.

Registration Locations and Hours

An official registration badge is required for entrance to all sessions and exhibit hall. Registration location and hours are listed below.

McCormick Place, West Building, 3rd Floor

Sunday, September 30	7:00 am - 6:00 pm
Monday, October 1	6:30 am - 5:00 pm
Tuesday, October 2	7:00 am - 4:00 pm
Wednesday, October 3	7:00 am - 4:00 pm
Thursday, October 4	7:00 - 10:00 am

Badge Designations

For rapid identification purposes, the badge colors and designations for this year's Clinical Congress are as follows:

Gold – Member

Includes the following categories:

- Fellow
- New Fellow
- Associate Fellow
- Resident Member
- Medical Student Member
- Affiliate

Green – Nonmember

Includes the following categories:

- Resident Nonmember
- Guest Physician
- Medical Student Nonmember
- Allied Health (Hospital Administrator, Hospital Purchasing Agent, Medical Association Personnel, Physician Assistant, Technician, Other)
- Nurse Nonmember
- PhD Nonmember

Teal

Includes the following categories:

- Guest Registration
- Press
- Scientific Exhibitor
- Commercial Press

Red Technical Exhibitors

Gray Commercial Representatives (Manufacturer Representatives, Distributors, Public Relations Firms, Advertising Representatives, Consultants, and Potential Exhibitors)

Blue ACS Staff

Postgraduate Courses and Fees

Admission to all Postgraduate Courses is by badge and ticket. Postgraduate Course tickets may only be purchased in the registration area by registered meeting attendees. A complete listing of courses can be found on pages 48–64. Seating capacities are limited; on-site ticket purchases are subject to availability. Available courses are posted in the registration area.

Tickets may only be exchanged before the start of a course and only for another Postgraduate Course. Meeting room assignments for Postgraduate Courses are printed on the course ticket.

The American College of Surgeons reserves the right to cancel any regularly scheduled session prior to the start of the meeting and assumes no responsibility for nonrefundable airline tickets or other travel costs. The ACS will make every effort to immediately notify registrants of a cancellation.

Accreditation

The American College of Surgeons is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Continuing Medical Education Credit (CME)

The American College of Surgeons designates this live activity for a maximum of 29* *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

*A maximum of 19 *AMA PRA Category 1 Credits™* can also be earned through completion of Meet the Expert Luncheons and weekend Postgraduate Courses.

CME Certificates

ACS members may claim CME credit for general sessions at this meeting by going to any of the designated My CME Connection computer terminals located in the ACS Programs Area at McCormick Place Convention Center, West Building, Third Floor, October 1–October 4. Hours of operation begin Monday, October 1 at 1:00 pm and end Thursday, October 4 at 11:30 am. Members may claim CME credit on-line up to six months following the meeting by logging in at www.efacs.org. The deadline to claim CME credit for this meeting is March 31, 2013.

Nonmembers may also claim their CME credit at the My CME Booth located in the ACS Programs Area at McCormick Place Convention Center, West Building, Third Floor, October 1–October 4. Please note that certificates for postgraduate didactic and skills-oriented courses will be sent via e-mail to participants within two months following the meeting.

Participants in need of CME credit hours specific to patient safety and trauma based on state and institutional requirements may attend certain designated sessions pertaining to these subjects to receive special certificates. A list of selected patient safety and trauma sessions and certificates for these sessions will be available at the My CME Booth.

In addition, the Ethics Colloquium titled, *Ethical Challenges in Surgical Education* (which convenes on Wednesday, October 3), will receive a separate ethics CME certificate. Present the verification card received at the conclusion of the session to the My CME Booth to receive the ethics certificate. Ethics Colloquium verification cards will be distributed to attendees at the conclusion of the session only.

An attendance card is contained in this Program Book for recording CME credits. Attendees are encouraged to complete the card and bring it to the My CME Booth to claim their CME credit. The My

CME Booth will be located in the ACS Programs Area at McCormick Convention Center, West Building, Third Floor, October 1–October 4. Hours of operation are Monday, October 1 at 1:00 pm and end Thursday, October 4 at 11:30 am.

ACS Disclosure Policy

In accordance with the Accreditation Council for Continuing Medical Education (ACCME) accreditation criteria, the American College of Surgeons must ensure that anyone in a position to control the content of the educational activity has disclosed all relevant financial relationships with any commercial interest. Members of the Program Committee were required to disclose all financial relationships and speakers were required to disclose any financial relationship as it pertains to the content of the presentations. All reported conflicts are managed by a designated official to ensure a bias-free presentation. However, if you perceive a bias during a session, please report the circumstances on the session evaluation form. Additional information regarding the ACS disclosure process and the complete disclosure list for this meeting can be found on page 180.

Acknowledgment

The American College of Surgeons acknowledges the following companies for their assistance in providing educational grants for the skills-oriented postgraduate programs:

Applied Medical, BK Medical, Boston Scientific, Covidien, Ethicon-Endosurgery, GE Healthcare, Karl Storz Endoscopy, Olympus, Stryker, Toshiba, and U.S. Endoscopy.

The following companies have provided the use of equipment during skills-oriented postgraduate programs:

Applied Medical, Bard, BK Medical, Boston Scientific, CWRU, Covidien, ERBE-USA, Ethicon-Endosurgery, GE Healthcare, Karl Storz Endoscopy, Olympus, Pathfinder, Richard Wolf Medical Instruments Corp., Simulab, Stryker, Toshiba, and U.S. Endoscopy.

CompuLEAD Recording System

To expedite your visits with the exhibitors, the College continues to use the enhanced LEAD retrieval system that has been used in past years. If you want to receive information from a company, present your badge to the sales representative. The bar code that contains your contact information will be scanned through the data recorder and the exhibitor will have the information to instantly fill your request.

Fire and Safety

The American College of Surgeons complies with all local, state, and federal safety regulations. The American College of Surgeons reserves the right to limit attendance in sessions deemed unsafe by local fire and safety officers. In keeping with municipal codes, smoking is not permitted in public meeting facilities.

Initiates'/Fellows' Photography Studio

The studio will be located at the McCormick Place, West Building, Third Floor and will be accessible during the following hours:

Sunday, September 30	8:00 am - 5:00 pm
Monday, October 1	8:00 am - 4:00 pm
Tuesday, October 2	8:00 am - 4:00 pm
Wednesday, October 3	8:00 am - 4:00 pm
Thursday, October 4	8:00 - 10:00 am

Cell Phones/Pagers

Wi-Fi Information

Free Wi-Fi will be available at McCormick Place for basic browsing and checking email in all of the public areas as well as in the exhibit hall and in the meeting rooms.

Complimentary Internet service is available at the Hilton Chicago throughout the lobby of the hotel.

As a courtesy to your colleagues, please silence cell phones and pagers while in the scientific session rooms.

Help and Information Kiosks

Help and Information kiosks will be located throughout McCormick Place, West Building and will be available during registration hours. Inquiries concerning the Clinical Congress may be made in these areas.

Housing Information

Representatives from the ACS official housing agency, Travel Planners, will be available to answer any questions you have regarding your hotel reservations, as well as be able to modify your current reservation or make new reservations if needed. The Housing Information desk is located in the McCormick Place, West Building, Third Floor, and will be open during registra-

tion hours. Phone: 312-949-8872 If you need assistance during non-registration hours, a Travel Planners representative will be available at 917-364-5758.

Bistro ACS

Grab lunch and network with company representatives or your colleagues at Bistro ACS, located in the exhibit hall at McCormick Place on Monday, October 1, through Wednesday, October 3. Bistro ACS provides an excellent opportunity for uninterrupted, face-to-face time between attendees and exhibiting companies. The Bistro ACS offers assorted menu options including several fresh and healthy options, international cuisine, and regional favorites. It is reasonably priced for an all-inclusive lunch buffet. \$22 includes lunch, beverages, dessert, and tax. The Bistro ACS also provides attendees with express seating and is conveniently located. Tickets may be purchased daily at the Bistro ACS booth located at McCormick Place, West Building or purchased online at www.bistroACS.com.

Centennial Celebration

• Centennial cake-cutting celebration

Please join us for coffee, cordials, conversation, and the Centennial cake-cutting ceremony.

Tuesday, October 2
Grand Ballroom, Hilton Chicago
8:30 - 11:00 pm (Cake-cutting at 10:00 pm)

• Centennial Timeline exhibit

100 Years of Inspiring Quality—An Interactive Timeline
Located in the McCormick Place West, Third Floor Concourse

• Book signings

David L. Nahrwold, MD, FACS, and Peter J. Kernahan, MD, PhD, FACS, will be available to sign Congress attendees' copies of *A Century of Surgeons and Surgery: The American College of Surgeons 1913-2012*, at the following events:

Monday, October 1 from 12:00 noon - 1:30 pm
Attendee book signing
McCormick Place West, Third Floor Concourse
(next to Centennial Timeline exhibit).

Tuesday, October 2 from 10:00 am - 11:30 am
Attendee book signing
McCormick Place West, Third Floor Concourse
(next to Centennial Timeline exhibit).

Breaks

There are Congress-wide breaks scheduled for 9:30 am, 11:15 am, and 4:00 pm Monday; 9:30 am, 2:15 pm, and 4:00 pm Tuesday and Wednesday; and 9:30 am on Thursday. At these times, all sessions, except Postgraduate Courses, will have a 15-minute break. On Monday there will be an extended break between 1:00 and 2:30 pm and Tuesday – Wednesday between 11:15 am - 12:45 pm.

ACS Resource Center

The ACS Resource Center is located in the McCormick Place West Building, on the 3rd Floor. This area provides information on the American College of Surgeons' programs and products as well as services for attendees. Exhibits Include:

- ACS Archives
- ACS Merchandise
- Advanced Trauma Life Support Course (ATLS)
- Advocacy and Health Policy
- Alliance for Clinical Trials in Oncology
- American College of Surgeons Clinical Research Program
- Bistro ACS
- Cancer Programs
- Career Opportunities
- Division of Education
- FLS Members Lounge
- Fundamentals of Surgery Curriculum
- Housing Assistance
- Journal of the American College of Surgeons (JACS)*
- Member Services
- Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program
- My CME Connection
- National Surgical Quality Improvement Program (NSQIP)[®]
- Operation Giving Back
- ACSPA-SurgeonsPAC Booth
- Patient Education
- Photo and Public Profile
- Restaurant Reservations
- Selected Readings in General Surgery (SRGS)*
- Surgery News*
- Surgical Education and Self-Assessment Program
- Trauma
- Web Portal & Case Log Center
- Webcast Sales

The ACS Resource Center will be open during the following hours:

Sunday, September 30	7:00 am - 6:00 pm
Monday, October 1	6:30 am - 5:00 pm*
Tuesday, October 2	7:00 am - 4:00 pm*
Wednesday, October 3	7:00 am - 4:00 pm
Thursday, October 4	7:00 - 10:00 am

*The Division of Education Booths will remain open until 6:00 pm on Monday and Tuesday to accom-

modate additional sales of the Division of Education products and publications.

Clinical Congress News

The official annual meeting newspaper will be distributed at McCormick Place and at major hotels each morning during the Congress. Last-minute program changes and other timely information will be announced in the newspaper. Items for publication must be delivered or phoned to the *Clinical Congress News* office at the McCormick Place before 1:00 pm on the day immediately preceding the desired date of publication.

Scientific Poster Presentations

The Scientific Poster Presentations is a forum of more than 300 posters showcasing timely, innovative information and findings on original scientific research, surgical procedures, practices, and approaches.

The Scientific Poster Presentations will be located in the McCormick Place, West Building, 3rd Floor, and will be open during the following hours:

Monday, October 1	9:00 am - 4:30 pm
Tuesday, October 2	9:00 am - 4:30 pm
Wednesday, October 3	9:00 am - 4:30 pm

Technical Exhibits

The Technical Exhibition comprises more than 200 companies displaying their products and services. The exhibition provides an excellent opportunity to explore the surgical marketplace by comparing products firsthand and planning purchases.

Technical Exhibits will be located in the McCormick Place, West Building, 3rd Floor, and will be open during the following hours:

Monday, October 1	9:00 am - 4:30 pm
Tuesday, October 2	9:00 am - 4:30 pm
Wednesday, October 3	9:00 am - 4:30 pm

Webcast and Audio Offerings

Clinical Congress Sessions available as Webcast Pick 12 of 2012, Webcast Package, or Complete Best Value Package

Maximize your CME opportunities with an individual learning experience online. View webcast sessions synchronized to speaker's presentation. Now available for viewing on your tablet device (Android/iPad).

Earn additional *AMA PRA Category 1 Credits*[™] upon successful completion of online exams and evaluations. **Webcasts have self-assessment components.** Webcast sessions contain presentations followed by a posttest (requires a score of 75% or higher), an evaluation and a printable CME certificate.

Webcast Pick 12 of 2012

Select 12 out of the 36 webcast sessions of 2012 Clinical Congress.

2012 Complete Best Value Package

(Webcasts and selected MP3 audio recordings)


****Provides more than 100 CME hours****


Access all 36 webcast sessions of 2012 Clinical Congress and a Set of MP3 audio recordings of all Named Lectures and select Panel Sessions.

****BONUS CONTENT**** Receive immediate access to the webcast library consisting of all 33 webcast sessions from the 2011 Clinical Congress only.

2012 Webcast Package

Access all 36 webcast sessions of the 2012 Clinical Congress.

The selected sessions for webcast are identified in the Scientific Program section with this icon .

The selected sessions for audio capture are identified in the Scientific Program section with this icon .

Note: 2012 Webcasts will be available for viewing at the latest from December 15th, 2012 and access expires by December 31st, 2013.

To purchase any of these products or to obtain additional information during the Clinical Congress, visit the ACS Resource Center Booth in the McCormick Place West Building, Third Floor, or visit www.facs.org/elearning or e-mail elearning@facs.org.

Shuttle Bus Service

The American College of Surgeons provides complimentary shuttle bus service between designated hotels in the ACS block and the McCormick Place, West Building. The complimentary shuttle bus service will run on the following schedule:


Daily Time Schedule

Sunday, September 30	6:30 am - 6:15 pm
Shuttle service from McCormick Place to all routes. 8:00 - 9:45 pm	
Monday, October 1	6:00 am - 6:15 pm
Tuesday, October 2	6:00 am - 6:15 pm
Wednesday, October 3	6:30 am - 6:15 pm
Thursday, October 4	6:30 - 11:45 am

Frequency will be 15 to 20 minutes.

*Limited early service is being provided for satellite symposia attendees on all routes.

NOTE: Shuttle bus times and routes are subject to change. Please check your hotel lobby for the most up-to-date schedule and routes.

 For hotel shuttle information or special needs transportation, please call 877-884-2455.

First Aid Facilities/ Lactation Room

The first aid office is located at the McCormick Place, West Building on the first floor near the shuttle bus area. A lactation room is available in the first aid center. The telephone number will be published in the *Clinical Congress News*. The hours of operation are as follows:

Sunday, September 30	7:00 am - 8:00 pm
Monday, October 1	6:30 am - 6:00 pm
Tuesday, October 2	7:00 am - 6:00 pm
Wednesday, October 3	7:00 am - 6:00 pm
Thursday, October 4	7:00 am - 12:00 noon

Children

The ACS policy regarding children is as follows:

- Children under 12 years of age are not permitted on Social Program tours
- Children under 16 years of age are not permitted on exhibit floor or in scientific sessions
- Children ages 16 and older must have a badge to enter exhibit area or meeting rooms

This policy includes infants in strollers and in arms.

See page 15 for information on Camp ACS.

Friends of Bill W.

Friends of Bill W. will meet Monday, October 1, through Wednesday, October 3, 7:00 - 8:30 pm at the Hilton Chicago in Room 5H.

Lost and Found

Lost and Found areas are located in the ACS Convention Office at the Hilton Chicago and in the Convention and Exhibit Office at the McCormick Place, West Building, Third Floor. Individuals needing assistance with lost or found items should contact one of these offices.

Prayer Room

A prayer room will be available during the meeting and will be located in Room 177 in McCormick Place West and will be open from 7:00 am - 6:00 pm Sunday through Wednesday and 6:30 am - 12:00 noon on Thursday.

Speaker Ready Room

The Speaker Ready Room is located at the McCormick Place, West Building, Third Floor in the registration area. The days and hours of operation are as follows:

Saturday, September 292:00 - 5:00 pm
Sunday, September 30..... 7:00 am - 6:00 pm
Monday, October 1 6:30 am - 6:00 pm
Tuesday, October 2 6:30 am - 6:00 pm
Wednesday, October 3 6:30 am - 6:00 pm
Thursday, October 46:30 - 11:00 am

It is requested that all speakers visit the Speaker Ready Room at least four hours in advance of their presentation time to verify the receipt of presentations. Speakers who have not yet submitted their presentations or have audio and/or video clips must check in to ensure the proper loading and integrity of presentations.

Cyber Café

The Cyber Cafés will be located at the McCormick Place, West Building. Clinical Congress attendees can check or send e-mail and stay in touch with the office. A cyber lounge will be located in the exhibit hall.

Alumni and Ancillary Event Bulleting Board

Space is provided to post information for meetings, job opportunities, seminars, and other information of interest at the McCormick Place, West Building.

Future Meetings

2013	Washington DC	October 6 – 10
2014	San Francisco, CA	October 26 – 30
2015	Chicago, IL	October 4 – 8
2016	Washington, DC	October 16 – 20

Guest Registration

Guest Registration

Guests may register on-site for an \$85 nonrefundable registration fee. All guest registrants must be accompanied by a Scientific Program registrant of another category. Guest registration is meant for nonmedical attendees only. Guests are not eligible for continuing medical education credits or a Certificate of Attendance, nor can they attend Postgraduate Courses or Meet the Expert Luncheons.

The Guest registration fee entitles you to attend scientific sessions, view the technical and scientific exhibits, purchase event tickets, and use the shuttle service. Guest registrants also receive a tote bag, including local information and a gift.

On-site Guest Registration and additional tour tickets (based on availability) can be purchased at the On-Site Registration located at McCormick Place, West Building, Third Floor, and at the Guest Registration Desk at the Hilton Chicago during the following dates and hours:

Sunday, September 30	7:00 am - 6:00 pm
Monday, October 1	6:30 am - 5:00 pm
Tuesday, October 2	7:00 am - 4:00 pm
Wednesday, October 3	7:00 am - 4:00 pm
*Thursday, October 4	7:00 - 10:00 am

*Convention Center location only

Tour Departures

Important note: All tours will depart from and return to the Hilton Chicago (8th Street side). Please meet in the lobby of the 8th Street entrance, unless otherwise indicated. For your comfort, we strongly recommend comfortable walking shoes for all tours. Unless otherwise indicated, all lunches referred to are included in the price of the tour. Children under 12 years of age are not permitted on tours, unless otherwise indicated. All children 12 years and older must be accompanied by an adult.

Refund Policy

The guest registration fee is nonrefundable. A full refund for tour fees was given if *written notification*

of cancellation was received in the ACS Convention Office no later than Friday, August 31. This policy will be strictly enforced and no refunds will be given after the deadline date.

Child Policy

Children under 12 years of age may not participate in tours, unless otherwise indicated. This restriction includes infants in arms or strollers. Tour tickets for children 12 years or older may be ordered as additional tickets on the parent's guest registration form. Please note on the form that the extra tickets are for children and list their full names AND AGES. Young adults 16 years and older must be registered as guests and pay the registration fee to participate in Congress activities. Please note that ACS reserves the right to refuse boarding of a tour bus by anyone not complying with our age restrictions.

Camp ACS

ACCENT on Children's Arrangements Inc. is thrilled to be partnering with the American College of Surgeons to provide an exciting on-site children's program tailored especially for the children of ACS members. Children ages 6 months to 18 years are welcome to participate in Camp ACS.

Camp ACS is conveniently located at the Hilton Chicago in the Lake Rooms on the eighth floor. On-site registration will be available on a space-available basis.

ACCENT will serve juice and healthy snacks. Parents and guardians will be responsible for their children's meals. Lunch hour is from 12:00 noon - 1:00 pm.

Hours of operation:

Sunday, September 30 - Wednesday, October 3,
7:30 am - 10:00 pm

If you have questions, stop by the Camp ACS registration desk or call the hotel at 312-922-4400 and ask to be connected to the Clinical Congress Camp ACS desk.

Sessions-at-a-Glance by Day

Key to Session/Course Codes

ME Meet the Expert Luncheon
 NL Named Lecture
 PG Postgraduate Course
 PP Poster Presentations
 PS Panel Session
 SC Skills Course
 SF Surgical Forum
 SP Scientific Paper
 TH Town Hall Meeting
 VE Video-Based Session

Location Abbreviations

All sessions are held at McCormick Place unless otherwise noted.
 HC – Hilton Chicago
 HMPCC – Hyatt McCormick Place Conference Center
 N-CASE – Northwestern Center for Advanced Surgical Education
 S – McCormick Place South
 W – McCormick Place West






\$ Indicates additional fees and registration apply



Indicates a Webcast session (Webcast package available for purchase)

SATURDAY, SEPTEMBER 29			Designated Tracks				Page No.	Location	
8:15 - 5:45	SC01	Advanced Skills Training for the Rural Surgeon: Complex Wound Care and Specialized Diagnostic Techniques	EDU	GEN			49	N-CASE	\$
8:30 - 5:30	SC02	Practical Applications of Ultrasound in the ICU: ECHO and Thoracic	EDU	TRA			49	W 183A	\$
9:00 - 4:30	PG14	Management of Diabetic Lower Extremities	GEN	PLA	VAS		55	W 181	\$
9:30 - 5:00	PG15	Challenging Surgical Emergencies: What to Do in the Middle of the Night	GEN	TRA			56	W 185	\$
10:00 - 5:30	PG16	Seven Keys to Coding Success for Surgeons (Basic)	HP				57	W 184D	\$
SUNDAY, SEPTEMBER 30			Designated Tracks				Page No.	Location	
8:00 - 4:30	PG17	Surgical Critical Care Board Review	GEN	TRA			58	W 185	\$
8:00 - 5:30	SC03	Flexible Endoscopy for General Surgeons	GEN				50	W 181	\$
8:30 - 4:00	SC04	Surgical Education: Principles and Practice	EDU				50	W 180	\$
9:30 - 5:00	PG18	Successful Surgical Coding and Compliance (Advanced)	HP				58	W 184D	\$
12:00 - 6:00		Medical Student Program, Day I	RES/MED				34	W 190	
1:00 - 4:00		RAS Symposium	RES/MED				34	W 194	
6:00 - 8:00		Convocation					34	W 375DE	
MONDAY, OCTOBER 1			Designated Tracks				Page No.	Location	
8:30 - 9:30	NL01	Opening Ceremony/Martin Memorial Lecture Sponsored by AUA	URO				46	W 375DE	
9:45 - 10:45	NL02	John H. Gibbon, Jr., Lecture	CTS				46	W 375B	
9:45 - 11:15	PS100	Current Issues in the Treatment of Mesenteric Ischemia	GEN	VAS			68	W 375C	
9:45 - 11:15	PS101	Fetal Surgery: Past, Present, and Future	PED				68	W 178	
9:45 - 11:15	PS102	Diverticulitis: Changing Paradigms of Treatment	CRS	GEN			68	W 375DE	
9:45 - 11:15	PS103	Employing an Allied Health Professional: The Practical Realities	EDU	HP			68	W 194	
9:45 - 11:15	PS104	New Paradigms for Management of Colorectal Liver Metastasis	GEN	ONC			69	W 179	
9:45 - 11:15	PS105	Parenting Beyond Pregnancy: The Challenges of Becoming a Surgeon-Parent	EDU				69	W 475	
9:45 - 11:15	PS106	Sex after Surgery	GEN	OBG	URO		69	W 175	
9:45 - 12:00		Now that You Want to Become a Surgeon: Strategies for Success—A Special Program for Medical Students	RES/MED				35	W 192	
9:45 - 1:00	PS107	Humanitarian Surgical Outreach at Home and Abroad: Reports of the 2012 Volunteerism and Humanitarian Award Winners	GEN	HUM	INT		69	W 176	
9:45 - 1:00	SF01	Alimentary Tract I	GEN				108	W 470A	
9:45 - 1:00	SF02	Plastic Surgery	PLA				108	W 471A	
9:45 - 1:00	SF03	Surgical Oncology/Endocrine I	ONC				109	W 470B	
9:45 - 1:00	SF04	Targeted Therapies	BTR	GEN	ONC		110	W 471B	
9:45 - 1:00	VE01	Challenging and Unusual Problems in Surgery	GEN				136	W 187	





9:45 - 1:00	VE02	Colon and Rectal Surgery	CRS				137	W 375A	
9:45 - 5:15	PG19	Benign Anorectal Disease	CRS	GEN			59	W 181	\$
9:45 - 5:15	SC05	Thyroid and Parathyroid Ultrasound	GEN	OTO			51	W 184A	\$
10:00 - 4:00		Surgery Resident Program: Essential Skills for Surgical Practice: A Primer for Residents	RES/MED				36	W 196BC	
10:00 - 5:30	PG20-1	General Surgery Review Course	GEN				60	W 185	\$
11:30 - 1:00	PS108	Carotid Stenosis after CREST	NEU	VAS			70	W 175	
11:30 - 1:00	PS109	Catheter-Based Cardiac Valve Surgery	CTS				70	W 474B	
11:30 - 1:00	PS110	Disparities in Access to Surgical Care	GEN	HP	HUM		70	W 179	
11:30 - 1:00	PS111	Managing the Axilla in Breast Cancer	GEN	ONC			71	W 375B	
11:30 - 1:00	PS112	The Nasty Gallbladder	GEN				71	W 375DE	
11:30 - 1:00	PS113	Robotic Surgery in the Abdomen and Pelvis: Should You Be Doing It?	GEN	OBG	URO		71	W 178	
11:30 - 1:00	PS114	Why Surgeons Need to Understand Social Networking	EDU	HP	INFO		71	W 375C	
11:30 - 1:00	SP01	Liver/Biliary Track/Pancreas/Transplantation I	GEN				98	W 475	
11:30 - 1:00	SP02	Trauma and Acute Care I	TRA				98	W 194	
1:00 - 5:15	SC06	Advanced Colonoscopy: Polypectomy and Beyond	CRS	GEN			51	W 184D	\$
1:00 - 6:00		Medical Student Program, Day II	RES/MED				36	W 192	
1:15 - 2:15	ME101	Gastro-Esophageal Reflux Disease (GERD)	GEN				65	HMPCC 12C	\$
1:15 - 2:15	ME102	Navigating Your Early Academic Career	GEN				65	HMPCC 24C	\$
1:15 - 2:15	ME103	Diverticulitis: Bring Your Dilemmas	CRS	GEN			65	HMPCC 12A	\$
1:15 - 2:15	ME104	MOC—Vascular Surgery	EDU	VAS			65	HMPCC 11B	\$
1:15 - 2:15	ME105	What Is New in Washington and the Impact on Surgical Practice	HP				65	HMPCC 11A	\$
1:15 - 2:15	ME106	Biliary Tract Misadventures	GEN				65	HMPCC 10D	\$
1:15 - 2:15	ME107	Difficult Ostomies	CRS				65	HMPCC 12B	\$
1:15 - 2:15	ME108	Severe Liver Injuries	GEN				65	HMPCC 10C	\$
1:15 - 2:15	ME109	Retroperitoneal Approach for Adrenalectomy	GEN				65	HMPCC 22C	\$
1:15 - 2:15	ME110	Trauma of the Genitourinary Tract	TRA	URO			65	HMPCC 23C	\$
1:15 - 2:15	ME111	Perioperative Management of Platelet Inhibitors: When to Stop and When to Continue	GEN				65	HMPCC 10B	\$
1:15 - 2:15	ME112	Developing an Acute Care Surgery Service: Is It Right for My Hospital?	GEN	TRA			65	HMPCC 10A	\$
1:15 - 2:15	ME113	Best Practices for Fistula-in-Ano	CRS				65	HMPCC 24AB	\$
1:15 - 2:15	ME114	Working with Your Endocrinologists to Treat Patients with Thyroid Cancer	ONC	OTO			65	HMPCC 21C	\$
1:15 - 2:15	ME115	Critical Care Management of the Traumatic Brain Injury	TRA				65	HMPCC 23AB	\$
1:15 - 2:15	ME116	Intraoperative Gamma Probe Guided Parathyroidectomy	OTO				65	HMPCC 22AB	\$
1:15 - 2:15	ME117	Thoracic Emergencies and the On Call General Surgeon	CTS				65	HMPCC 21AB	\$
1:15 - 2:15	ME118	Finally, New Treatments for Bowel Incontinence	CRS				65	HMPCC 20C	\$
1:15 - 2:15	ME119	Lymphedema after Breast Surgery	GEN				65	HMPCC 20AB	\$
1:15 - 5:30	SC07	Fundamentals of Telemedicine for Surgeons	GEN	INFO			52	W 184BC	\$
2:30 - 3:30	NL03	Charles G. Drake History of Surgery Lecture	NEU				46	W 375B	
2:30 - 4:00	PS115	Bowel Obstruction: Causes, Management, and Prevention	GEN				72	W 375DE	
2:30 - 4:00	PS116	Evidence-Based Reviews in Surgery: Mechanical Bowel Prep—To Prep or Not to Prep in Rectal Cancer Surgery	EDU	GEN			72	W 178	
2:30 - 4:00	PS117	Initiates' Program: The Surgical Lifestyle—Finding Joy in the Profession	EDU	GEN			72	W 179	
2:30 - 4:00	PS118	Laparoscopic Pancreatectomy: Fad or the Future	GEN				73	W 375C	
2:30 - 4:00	PS119	Ocular Trauma in the ER, in the OR, and on the Battlefield	OPHTHO	TRA			73	W 184A	
2:30 - 4:00	PS120	The Pleural Space: Acute and Chronic Challenges	CTS				73	W 474B	
2:30 - 4:00	PS121	Prostate Cancer: Modern Concepts on Screening, Active Surveillance, and Surgical Treatment	ONC	URO			73	W 475	
2:30 - 4:00	PS122	Surgeons as Institutional Employees: A Strategic Look at Surgeons as Employees of Hospitals	GEN	HP			74	W 375A	
2:30 - 4:00	SF05	Apoptosis	BTR	GEN			111	W 471B	
2:30 - 5:45	PS131	Latin America Day 2012	GEN	INT			74	W 176	
2:30 - 5:45	VE03	Subject-Oriented Symposium I: New Techniques and Technologies	GEN				137	W 175	

2:30 - 5:45	VE04	Cardiothoracic Surgery	CTS				138	W 194	
2:30 - 5:45	VE05	General Surgery I	GEN				139	W 187	
2:30 - 5:45	SF06	Pediatric Surgery I	PED				111	W 470A	
2:30 - 5:45	SF07	Transplantation and Tissue Engineering	BTR	GEN			112	W 471A	
2:30 - 5:45	SF08	Vascular Surgery I	VAS				113	W 470B	
4:15 - 5:45	PS123	Founders of Private Clinics and the Early History of the ACS	CEN	GEN			74	W 179	
4:15 - 5:45	PS124	Hemorrhoids and Fistulae: New Solutions for Old Problems	CRS	GEN			75	W 375DE	
4:15 - 5:45	PS125	The Impact of Neoadjuvant Chemotherapy on the Locoregional Management of Early Stage Breast Cancer	GEN	ONC			75	W 375C	
4:15 - 5:45	PS126	Nanotechnology, Nanobots, and Surgery	BTR	EDU			75	W 375A	
4:15 - 5:45	PS127	Staunch the Flow: How to Best Employ New Topical Hemostats, Sealants, and Adhesives	EDU	TRA			75	W 178	
4:15 - 5:45	PS128	Treatment of Complications Associated with Anti-Reflux Surgery	CTS	GEN			76	W 375B	
4:15 - 5:45	PS129	Understanding What ACS NSQIP® Can Do for Your Patients and Hospital	GEN	HP			76	W 475	
4:15 - 5:45	PS130	What Are the Limits of Office-Based Procedures?	GEN	HP			76	W 474B	
4:15 - 5:45	SF09	Geriatric Surgery	GER				114	W 471B	
4:15 - 5:45	SP03	Bariatric Surgery	GEN				99	W 196BC	
5:30 - 9:00		Cardiothoracic Surgery in the Future: Technology Overview for Residents and Medical Students	RES/MED				37	S 101	\$
6:30 - 8:30	VE06	Clinical Workshop through Video	GEN				139	HC NW5	
TUESDAY, OCTOBER 2			Designated Tracks			Page No.	Location		
7:00 - 7:45	TH01	The Survival of General Surgery in 2012 and Beyond	GEN				38	W 375B	
7:00 - 7:45	TH02	Modern Surgical Education and Increasing Fail Rates for the Boards: What Are We to Do?	EDU				38	W 375C	
7:00 - 7:45	TH03	Palliative Care: Surgeons Wanted!	EDU	HP			38	W 187	
7:00 - 7:45	TH04	Addressing Hospital Needs with ACS NSQIP®	EDU	HP			38	W 178	
7:00 - 7:45	TH05	How Washington Is Affecting Your Practice and Your Patients	GEN	HP			39	W 375A	
7:00 - 7:45	TH06	Contracts	HP				39	W 179	
8:00 - 9:00	NL04	Herand Abcarian Lecture	CRS				46	W 179	
8:00 - 9:30	PS200	10,000 Hours vs. 10,000 Cases: How to Train the Modern-Day Surgeon	EDU	RES/MED			77	W 375C	
8:00 - 9:30	PS201	After Discharge: Rehabilitation and End Results after Major Trauma	GEN	TRA			77	W 192	
8:00 - 9:30	PS202	Biomedical Informatics and Computational Modeling in the Era of Personalized Medicine	BTR	INFO			77	W 196BC	
8:00 - 9:30	PS203	Duodenal Emergencies: Perforation, Bleeding, and Trauma	GEN	TRA			77	W 375B	
8:00 - 9:30	PS204	The Ever-Changing World of Payment Methodologies	HP				78	W 178	
8:00 - 9:30	PS205	REALLY? Is It an Emergency? And Other Appendicitis Conundrums	GEN	PED			78	W 375DE	
8:00 - 9:30	PS206	Return to Play Issues in Sports-Related Neurotrauma	NEU				78	W 475	
8:00 - 9:30	SP04	Cardiothoracic Surgery I	CTS				99	W 176	
8:00 - 9:30	SP05	Endocrine and Surgical Oncology I	GEN	ONC			99	W 175	
8:00 - 9:30	SP06	Plastics/Maxillofacial Surgery I	PLA	OTO			100	W 471B	
8:00 - 11:15	PS207	Spectacular Cases from Residents	RES/MED				78	W 187	
8:00 - 11:15	SF10	Critical Care I: Mechanisms of Cellular Injury in Trauma and Sepsis	GEN	TRA			115	W 470A	
8:00 - 11:15	SF11	Surgical Education I	EDU	RES/MED			116	W 470B	
8:00 - 11:15	SF12	Urology and Reproductive Surgery I	URO				116	W 471A	
8:00 - 11:15	VE07	General Surgery II	GEN				140	W 375A	
8:00 - 11:15	VE08	Otolaryngology—Head and Neck Surgery	OTO				141	W 194	
8:00 - 3:30	PG20-2	General Surgery Review Course	GEN				60	W 185	\$
8:00 - 5:00	SC10	Advanced Hepatopancreaticobiliary (HPB) Ultrasound	GEN				53	W 184A	\$
8:15 - 5:45	SC09	Laparoscopic Colectomy	CRS	GEN			52	W 180	\$
9:00 - 4:30	PG21	High-Risk Breast Cancer Management from A to Z	GEN	ONC			61	W 181	\$
9:45 - 10:45	NL05	Excelsior Surgical Society Edward D. Churchill Lecture	GEN				46	W 375B	
9:45 - 11:15	PS208	The Brutal Reality: Living with Electronic Medical Records	HP	INFO			79	W 178	
9:45 - 11:45	PS209	Can This Resident Be Saved?	EDU	RES/MED			79	W 375C	

9:45 - 11:45	PS210	The Changing Role of Imaging and Visualization in the OR	EDU	GEN			79	W 175	
9:45 - 11:15	PS211	Management of Lower Gastrointestinal Hemorrhage	CRS	GEN			79	W 375DE	
9:45 - 11:15	PS212	New Trial Evidence and Emerging Controversies in Cancer Care	GEN	ONC			80	W 196BC	
9:45 - 11:15	PS213	Practical Pearls to Care for Your Geriatric Patients	GER				80	W 176	
9:45 - 11:15	PS214	Thoracic Surgery in Childhood and Infancy: Implications for Adult Survivors	CTS	PED			80	W 179	
9:45 - 11:15	PS215	Joining Forces: How We Can Help Our Returning Veterans	GEN	NEU	TRA		81	W 192	
11:30 - 12:30	ME201	Central Neck Node Dissection for Thyroid Cancer: When and How Do I Do It	ONC	OTO			65	HMPCC 12C	\$
11:30 - 12:30	ME202	Choosing Among the Best Procedures for Hemorrhoids	CRS				65	HMPCC 12B	\$
11:30 - 12:30	ME203	Management of the Axilla in T1 or T2 Breast Cancer	GEN	ONC			65	HMPCC 12A	\$
11:30 - 12:30	ME204	Nerve Monitoring for Thyroid Surgery	NEU	OTO			66	HMPCC 24C	\$
11:30 - 12:30	ME205	Maintaining Your Academic Career	EDU				66	HMPCC 11B	\$
11:30 - 12:30	ME206	MOC—Colon and Rectal Surgery	CRS	EDU			66	HMPCC 11A	\$
11:30 - 12:30	ME207	How to Diagnose and Treat Necrotizing Soft Tissue Infections	GEN				66	HMPCC 10D	\$
11:30 - 12:30	ME208	Advocacy for Surgeons	HP				66	HMPCC 23C	\$
11:30 - 12:30	ME209	Treatment Options for Anal Fissure	CRS				66	HMPCC 10C	\$
11:30 - 12:30	ME210	Breast Cancer Management in 2012	GEN	ONC			66	HMPCC 10B	\$
11:30 - 12:30	ME211	Should I Become a Hospital Employee?	GEN				66	HMPCC 22AB	\$
11:30 - 12:30	ME212	Total Mesorectal Excision: When and How	CRS				66	HMPCC 20AB	\$
11:30 - 12:30	ME213	Pituitary Surgery: Past, Present, and Future	GEN	OTO			66	HMPCC 21C	\$
11:30 - 12:30	ME214	Minimally Invasive Hepatic Surgery	GEN				66	HMPCC 20C	\$
11:30 - 12:30	ME215	Complex Abdominal Trauma	TRA				66	HMPCC 10A	\$
11:30 - 12:30	ME216	Endovascular Treatment of Vascular Trauma	TRA	VAS			66	HMPCC 24AB	\$
11:30 - 12:30	ME217	Treatment of Intraabdominal Infections: When to Operate	GEN				66	HMPCC 23AB	\$
11:30 - 12:30	ME218	Crohn's Disease: Bring Your Toughest Cases	CRS				66	HMPCC 22C	\$
11:30 - 12:30	ME219	Minimally Invasive Parathyroidectomy without Intraoperative PTH	OTO				66	HMPCC 21AB	\$
11:30 - 12:30		Posters of Exceptional Merit Presentation					39	W Hall F2	
12:30 - 4:45	SC11	Advanced Leadership Skills	EDU				54	W 184D	\$
12:45 - 1:30	NL06	Scudder Oration on Trauma	TRA				47	W 375DE	
12:45 - 2:15	PS216	The ICU to Nowhere: Chronic Illness after Surgery	GER				81	W 176	
12:45 - 2:15	PS217	Joys and Trials of Being an Employed Surgeon: Is It Right for You?	HP				81	W 375C	
12:45 - 2:15	PS218	Pulmonary Metastasectomy: What Are the Boundaries?	CTS				81	W 178	
12:45 - 2:15	PS219	Tools, Tips, and Tricks for AV Access	VAS				82	W 179	
12:45 - 2:15	PS220	Treating the Unusual and Complex GIST	GEN	ONC			82	W 375A	
12:45 - 2:15	PS221	The Current Status of Laparoscopic Inguinal Herniorrhaphy in General Surgical Practice	GEN				82	W 375B	
12:45 - 2:15	SP07	Colorectal Surgery I	CRS				100	W 175	
12:45 - 2:15	SP08	National and International Trends in Surgical Practice	GEN	HUM	INT		101	W 470A	
12:45 - 2:15	VE10	Orthopaedic Surgery	ORT				141	W 184A	
12:45 - 2:15	VE11	Hepatobiliary Surgery	GEN				141	W 187	
12:45 - 2:15	VE12	Obstetrics and Gynecology	OBG				142	W 180	
12:45 - 4:00	SF13	Alimentary Tract II	GEN				117	W 475	
12:45 - 4:00	SF14	Biomarkers and Genetic Determinants of Disease and Outcomes	BTR	ONC			118	W 474A	
12:45 - 4:00	SF15	Quality, Outcomes, and Costs I	EDU	HP			119	W 470B	
12:45 - 4:00	VE13	Subject-Oriented Symposium III: Surgical Management of Carcinoid and Neuroendocrine Tumors	GEN	NEU			142	W 194	
1:00 - 4:00 / 4:00 - 5:00	PS222	APDS Panel Sessions	EDU	RES/MED			82	W 196BC	
		APDS Business Meeting							
1:00 - 6:00		Medical Student Program, Day III	RES/MED				40	W 192	
2:30 - 3:30	NL07	Olga M. Jonasson Lecture	GEN				47	W 179	
2:30 - 4:00	PS223	Abdominal Wall Reconstruction: Treating the Recurrent/Recalcitrant Belly	GEN	PLA			83	W 375B	
2:30 - 4:00	PS224	Adding Head and Neck Ultrasound to Your Practice: Benefits and Steps to Get Going	GEN	OTO			83	W 176	

2:30 - 4:00	PS225	Endovascular Management of Acute Vascular Trauma	TRA	VAS			83	W 187	
2:30 - 4:00	PS226	Management of Unusual Lesions of the Biliary Tract: Choledochal Cysts, Gallbladder Cancer, Cholangiocarcinoma	GEN	ONC	PED		84	W 375A	
2:30 - 4:00	PS227	Multidisciplinary Approach to Vaginal Fistulas	GEN	OBG	URO		84	W 175	
2:30 - 4:00	PS228	Novel Methods to Prevent and Manage Anastomotic Complications of Intestinal Surgery	CRS	GEN			84	W 375DE	
2:30 - 4:00	VE14	Movie Classics from the Past	GEN				142	W 178	
2:30 - 5:45	VE15	Highlights of International Meetings	GEN	INT			143	W 192	
2:30 - 5:45	SF16	Cardiothoracic Surgery I	CTS				120	W 471A	
2:30 - 5:45	SF17	Orthopaedic Surgery, Neurosurgery, Obstetrics, and Gynecology	ORT	NS	OBG		121	W 474B	
2:30 - 5:45	SF18	Surgical Oncology/Endocrine II	ONC				122	W 471B	
2:30 - 5:45	SF19	Urology and Reproductive Surgery II (Robotics/MIS)	URO				123	W 470A	
4:15 - 5:45	PS229	Achieving the Best Outcomes for the Ostomy Patient: Perfect Stoma Creation and Effective Patient Education	CRS	EDU	GEN		85	W 375A	
4:15 - 5:45	PS230	Making the Most of Breast Imaging: From Diagnosis to Surgical Planning to Follow-Up Care	GEN	ONC			85	W 375B	
4:15 - 5:45	PS231	Nobel Prize-Winning Surgeons	CEN	GEN			85	W 179	
4:15 - 5:45	PS232	Severe Acute Pancreatitis: What to Do	GEN				85	W 375DE	
4:15 - 5:45	PS233	Surgical Management of Advanced Skin Cancers of the Head and Neck	NEU	TRA			86	W 187	
4:15 - 5:45	PS234	Surgical Management and Critical Care for Severe Brain Injuries	ONC	OTO	PLA		86	W 178	
4:15 - 5:45	PS235	Team-Based Surgical Care: Who Is the Captain of the Ship?	GEN	HP			86	W 175	
4:15 - 5:45	PS236	Simulation: The Future of Surgical Training and Rehearsal	EDU				86	W 176	
4:15 - 5:45	SP09	Surgical Education and Training	EDU	GEN			101	W 475	
4:15 - 5:45	VE16	Urological Surgery	URO				143	W 184A	
6:30 - 8:30	VE17	Best Videos from the Past	GEN				144	HC NWS	
WEDNESDAY, OCTOBER 3			Designated Tracks			Page No.	Location		
7:00 - 7:45	TH07	Humanism in the Operating Room: Methods to Develop and Promote the Surgeon's Role in Delivering Patient-Centered Care	EDU	RES/MED			41	W 192	
7:00 - 7:45	TH08	How to Initiate a Translational Research Academic Surgical Career	HP				41	W 187	
7:00 - 7:45	TH09	An Update on the Bariatric Accreditation Program	TRA				42	W 178	
7:00 - 7:45	TH10	Do Structures and Processes Lead to Better Outcomes in Trauma Care?	ONC				42	W 375B	
7:00 - 7:45	TH11	Resolving Controversies in Cancer Care: American College of Surgeons—Clinical Research Program—An Expert Forum and Open Discussion	ONC				42	W 179	
7:00 - 7:45	TH12	Maintenance of Certification: Is It Really Worth It?	HP				42	W 375A	
8:00 - 9:00	NL08	Distinguished Lecture of the International Society of Surgery	GEN	HUM	INT		47	W 179	
8:00 - 9:30	PS300	Hero, Victim, or Criminal? The Surgeon and Suffering	ETH	GER			87	W 475	
8:00 - 9:30	PS301	Interventions to Treat Venous Thromboembolism	GEN	VAS			87	W 375A	
8:00 - 9:30	PS302	Primer on Necrotizing Soft Tissue Infections	GEN				87	W 375B	
8:00 - 9:30	PS303	Quality Programs for Breast Surgeons: What Do I Need to Know?	GEN	ONC			87	W 196BC	
8:00 - 9:30	PS304	Rectal Cancer 2012: Management IS Changing	CRS	GEN	ONC		88	W 375DE	
8:00 - 9:30	PS305	The Virtual Presence of Trauma Physicians	INFO	TRA			88	W 187	
8:00 - 9:30	SP10	General Surgery I	GEN				102	W 178	
8:00 - 9:30	VE18	Subject-Oriented Symposium IV: 3D Video Imaging	GEN				144	W 196A	
8:00 - 11:15	PS306	Surgical Jeopardy	RES/MED				88	W 375C	
8:00 - 11:15	SF20	Alimentary Tract III	GEN				124	W 471B	
8:00 - 11:15	SF21	Critical Care II: Epidemiology and Management of Trauma	GEN	TRA			125	W 470B	
8:00 - 11:15	SF22	Progenitor Cells and Cell-Based Therapies	BTR				125	W 471A	
8:00 - 11:15	SF23	Quality, Outcomes, and Costs II	EDU	HP			126	W 470A	
8:00 - 11:15	VE19	Pediatric Surgery	PED				144	W 192	
8:00 - 3:30	PG22	Review Course in the Essentials of Vascular Surgery for General and Vascular Surgeons	GEN	VAS			62	W 185	\$
8:00 - 5:30	SC12	Robotic Pelvic Surgery	EDU	OBG	URO		54	W 184D	\$
8:30 - 4:00	PG23	Bundled Care and the Future of Surgical Health Care: Delivery and Outcomes	EDU	HP			63	W 180	\$
8:30 - 5:30	SC13	Basic Breast Ultrasound	EDU	GEN			55	W 184A	\$

9:00 - 4:30	PG24	Trauma Techniques: From Top to Bottom	GEN	TRA			63	W 181	\$
9:45 - 10:45	NL09	Ethics and Philosophy Lecture	ETH				47	W 179	
9:45 - 11:15	PS307	Devastating Pelvic Trauma	TRA	URO			89	W 375B	
9:45 - 11:15	PS308	Have You Had a Surgical Site Infection Lately?	GEN				89	W 375A	
9:45 - 11:15	PS309	Improving the Quality of Surgical Care Around the World	EDU	HUM	INT		89	W 475	
9:45 - 11:15	PS310	Surgical Management of Metastatic Cancer in the Abdomen	CRS	GEN	OBG	ONC	90	W 375DE	
9:45 - 11:15	SP11	Cardiothoracic Surgery II	CTS				102	W 178	
9:45 - 11:15	SP12	Surgical Oncology II	GEN	ONC			102	W 187	
9:45 - 11:15	SP13	Vascular Surgery	VAS				103	W 196BC	
9:45 - 11:15	VE20	Subject-Oriented Symposium V: Managing Complications	GEN				145	W 194	
11:30 - 12:30	ME301	Office Ultrasound: How to Do It and How to Get Paid for It	GEN				66	HMPCC 12A	\$
11:30 - 12:30	ME302	Surgery for Metastatic Thyroid Cancer in Cervical Lymph Nodes	ONC	OTO			66	HMPCC 11B	\$
11:30 - 12:30	ME303	How to Close the Open Abdomen	GEN				66	HMPCC 11A	\$
11:30 - 12:30	ME304	Diverticulitis Decision-Making for the Acute Care Surgeon	CRS	GEN			66	HMPCC 10D	\$
11:30 - 12:30	ME305	Choosing the Correct Bariatric Procedure	GEN				66	HMPCC 24C	\$
11:30 - 12:30	ME306	Prostate Cancer	ONC	URO			66	HMPCC 10C	\$
11:30 - 12:30	ME307	Challenges and Solutions in Modern Parathyroidectomy	OTO				66	HMPCC 23C	\$
11:30 - 12:30	ME308	Rectal Prolapse: Choosing the Best Operation	CRS				66	HMPCC 22C	\$
11:30 - 12:30	ME309	How to Succeed at MOC	EDU	GEN			66	HMPCC 10B	\$
11:30 - 12:30	ME310	Laparoscopic Colectomy: Moving Up the Learning Curve	GEN				66	HMPCC 10A	\$
11:30 - 12:30	ME311	Anorectal Abscesses and Fistulae	CRS				66	HMPCC 24AB	\$
11:30 - 12:30	ME312	Treatment of Severe Pancreatitis by the Acute Care Surgeon	GEN				67	HMPCC 23AB	\$
11:30 - 12:30	ME313	Pilonidal Cysts, Abscesses, and Fistulae: What to Do?	CRS				67	HMPCC 22AB	\$
11:30 - 12:30	ME314	Creating Functional Ostomies: Tips and Tricks	CRS				67	HMPCC 21C	\$
11:30 - 12:30	ME315	Surgical Malpractice 101: Primer on Being an Effective Expert Witness and Tips on Avoiding Being Sued Yourself	GEN				67	HMPCC 21AB	\$
11:30 - 12:30	ME316	Careers in Rural Surgery	GEN				67	HMPCC 20C	\$
11:30 - 12:30	ME317	Thyroid Cancer for the Practicing Clinician	ONC	OTO			67	HMPCC 20AB	\$
12:45 - 1:45	NL10	Commission on Cancer Oncology Lecture	ONC				47	W 375C	
12:45 - 2:15	PS311	Career Advancement for the New Academic Surgeon	EDU	RES/MED			90	W 375A	
12:45 - 2:15	PS312	Does the Science Support Extending Bariatric Surgery to New Populations?	GEN				90	W 178	
12:45 - 2:15	PS313	Experts on the Hot Seat: Challenging Trauma and Emergency Surgery Cases	TRA				91	W 375B	
12:45 - 2:15	PS314	Operative Techniques in Colorectal Surgery: Tricks of the Trade	CRS	GEN			91	W 375DE	
12:45 - 2:15	PS315	Preventing and Managing Thyroid and Parathyroid Surgical Complications: The Anatomy of Thyroid Surgical Complications	GEN	OTO			91	W 187	
12:45 - 2:15	SP14	Quality and Outcomes	EDU	GEN	HP		103	W 196BC	
12:45 - 2:15	SP15	Trauma and Acute Care II	TRA				104	W 179	
12:45 - 2:15	VE21	Subject-Oriented Symposium VI: Surgical Endoscopy	GEN				145	W 194	
12:45 - 2:15	VE22	Vascular Surgery	VAS				145	W 475	
12:45 - 4:00	PS316	The College's International Guest Scholars and Travelers 2012	EDU	HUM	INT		92	W 184A	
12:45 - 4:00	SF24	Cardiothoracic Surgery II	CTS				127	W 471B	
12:45 - 4:00	SF25	Plastic Surgery II	PLA				128	W 184D	
12:45 - 4:00	VE23	General Surgery III	GEN				145	W 192	
2:30 - 3:15	NL11	I.S. Ravdin Lecture in Basic Sciences	BTR				47	W 179	
2:30 - 4:00	PS317	Obstetric Hemorrhage: They Might Call You	GEN	OBG			92	W 375A	
2:30 - 4:00	PS318	Reoperative Abdominal Surgery after a Previous "Catastrophe"	GEN				92	W 375DE	
2:30 - 4:00	PS319	Surgical Management of Inflammatory Bowel Disease	CRS	GEN			93	W 375B	
2:30 - 4:00	PS320	Taming the Unruly Colleague	EDU				93	W 196BC	
2:30 - 4:00	PS321	What's New in Blood Transfusion and Colloid Resuscitation	GEN	TRA			93	W 375C	
2:30 - 4:00	SP16	Surgical Oncology III	GEN	ONC	URO		104	W 194	

2:30 - 5:45	PS322	Ethics Colloquium: Ethical Issues and the Tension between Older and Younger Surgeons	EDU	ETH			93	W 187	
2:30 - 5:45	SF26	Pediatric Surgery II	PED				129	W 470A	
2:30 - 5:45	SF27	Surgical Education II	EDU	RES/MED			130	W 470B	
2:30 - 5:45	SF28	Vascular Surgery II	VAS				131	W 471A	
2:30 - 4:00	VE24	Trauma	TRA				146	W 178	
4:15 - 5:15		Annual Business Meeting of Members					43	W 179	
4:15 - 5:45	PS323	The Committee on Trauma of the American College of Surgeons: Past, Present, and Future	CEN	GEN	TRA		94	W 375DE	
4:15 - 5:45	PS324	Genetic Evaluation of Colorectal Cancer: A New Mandate?	BTR	CRS	GEN	ONC	94	W 375A	
4:15 - 5:45	PS325	Mentoring and Monitoring Your Partners	EDU	RES/MED			94	W 196BC	
4:15 - 5:45	PS326	Papillary Thyroid Cancer: What You Thought You Already Knew	GEN	ONC	OTO		94	W 375C	
4:15 - 5:45	PS327	Preparing Tomorrow's Global Surgeons	EDU	HUM	INT	RES/MED	95	W 475	
4:15 - 5:45	PS328	Progress and Current Controversies in the Management of Melanoma	GEN	ONC			95	W 375B	
4:15 - 5:45	PS329	Sexual Dysfunction: Diagnosis and Management	URO				95	W 192	
4:15 - 5:45	SF29	Patient Safety	EDU				132	W 471B	
4:15 - 5:45	SP17	Plastics/Maxillofacial Surgery II	PLA				104	W 178	
THURSDAY, OCTOBER 4			Designated Tracks				Page No.	Location	
7:00 - 7:45	TH13	International Surgical Research for Residents: Lessons from Fellow Travelers	INT	HUM	RES/MED		43	W 375C	
7:00 - 7:45	TH14	Using the Surgeon Specific Registry for the Practicing Surgeon	HP	RES/MED			44	W 179	
7:00 - 7:45	TH15	Working with the American College of Surgeons to Improve Diversity	HP	RES/MED			44	W 178	
7:00 - 7:45	TH16	Ethics Teaching in Surgical Residency Programs: Are We Doing the Best We Can?	ETH				44	W 375A	
7:00 - 7:45	TH17	Why Would a Surgeon Be a Member of Both a Specialty Surgery Association and the ACS?	HP				44	W 375B	
8:00 - 9:30	PS400	Acute Care Surgery: A Typical Night on Call	GEN	TRA			96	W 375B	
8:00 - 9:30	PS401	Evolution in Outcomes of the Endoscopic and Surgical Management of Esophageal Cancer	GEN	ONC			96	W 179	
8:00 - 9:30	PS402	Navigating E-Rx, PQRS, EHRs, and Other CMS Programs That Can Affect Reimbursement	HP				96	W 187	
8:00 - 9:30	PS403	New Surgical and Nonsurgical Treatments for Obesity: Is There Hope on the Horizon?	GEN				96	W 375A	
8:00 - 9:45	SP18	Colorectal Surgery II	CRS				105	W 178	
8:00 - 9:30	SP19	Liver/Biliary Track/Pancreas/Transplantation II	GEN				105	W 475	
8:00 - 11:15	SF30	Cardiothoracic Surgery III	CTS				132	W 470A	
8:00 - 11:15	SF31	Innovative Clinical Technology	EDU				133	W 470B	
8:00 - 11:15	SF32	Plastic Surgery III	PLA				134	W 471A	
8:00 - 11:15	SF33	Quality, Outcomes, and Costs III	EDU	HP			135	W 471B	
8:00 - 11:15	VE25	Bariatric Surgery	GEN				146	W 375C	
9:45 - 11:15	PS404	Dangerous Drugs and Surgery: Steroids, Anticoagulants, and Homeopathic Treatments	GEN	TRA			97	W 375B	
9:45 - 11:15	PS405	Identification and Management of Patients at High Risk for Breast Cancer	GEN	ONC			97	W 375A	
9:45 - 11:15	PS406	Therapeutic Uses of Energy Across the Surgical Specialties: What Are the Data Today and Possibilities for Tomorrow?	GEN				97	W 179	
9:45 - 11:15	SP20	General Surgery II	GEN				106	W 187	

2012 Track Schedule

The Scientific Program, scheduled in discipline- and theme-based tracks, will focus specifically on the needs of various surgical specialties and learner groups.

SATURDAY	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY
General Surgery (GEN)					
		Basic/Translational Research (BTR)			
		Cardiothoracic Surgery (CTS)			
		Centennial (CEN)			
		Colon and Rectal Surgery (CRS)			
Education/Outcomes and Safety (EDU)					
				Ethics (ETH)	
		Geriatric/Palliative Care (GER)			
Health Policy : Practice Management / Reimbursement / Liability Issues (HP)					
		Informatics (INFO)			
		International (INT)			
		Neurosurgery (NEU)			
		Obstetrics & Gynecology (OBG)			
		Ophthalmic Surgery (OPHTHO)			
			Orthopaedic (ORT)		
		Otolaryngology–Head & Neck Surgery (OTO)			
		Pediatric Surgery (PED)			
(PLA)		Plastic and Maxillofacial Surgery (PLA)			
	Residents / Medical Students (RES / MED)				
		Surgical Humanitarian Outreach (HUM)			
		Surgical Oncology (ONC)			
Trauma / Critical Care (TRA)					
		Urology (URO)			
(VAS)		Vascular Surgery (VAS)			

Sessions-at-a-Glance by Track

Key to Session/Course Codes

ME Meet the Expert Luncheon
 NL Named Lecture
 PG Postgraduate Course
 PP Poster Presentations
 PS Panel Session
 SC Skills Course
 SF Surgical Forum
 SP Scientific Paper
 TH Town Hall Meeting
 VE Video-Based Session

Location Abbreviations

All sessions are held at McCormick Place unless otherwise noted.
 HC – Hilton Chicago
 HMPCC – Hyatt McCormick Place Conference Center
 N-CASE – Northwestern Center for Advanced Surgical Education
 S – McCormick Place South
 W – McCormick Place West

\$ Indicates that additional fees and registration apply













Indicates a Webcast session (Webcast package available for purchase)

GENERAL SURGERY (GEN)					
Saturday, September 29					
8:15 - 5:45	SC01	Advanced Skills Training for the Rural Surgeon: Complex Wound Care and Specialized Diagnostic Techniques	p. 49*	N-CASE	\$
9:00 - 4:30	PG14	Management of Diabetic Lower Extremities	p. 55*	W 181	\$
9:30 - 5:00	PG15	Challenging Surgical Emergencies: What to Do in the Middle of the Night	p. 56*	W 185	\$
Sunday, September 30					
8:00 - 4:30	PG17	Surgical Critical Care Board Review	p. 58*	W 185	\$
8:00 - 5:30	SC03	Flexible Endoscopy for the General Surgeon	p. 50*	W 181	\$
Monday, October 1					
9:45 - 11:15	PS100	Current Issues in the Treatment of Mesenteric Ischemia	p. 68*	W 375C	
9:45 - 11:15	PS102	Diverticulitis: Changing Paradigms of Treatment	p. 68*	W 375DE	
9:45 - 11:15	PS104	New Paradigms for Management of Colorectal Liver Metastasis	p. 69*	W 179	
9:45 - 11:15	PS106	Sex after Surgery	p. 69*	W 175	
9:45 - 1:00	PS107	Humanitarian Surgical Outreach at Home and Abroad: Reports of the 2012 Volunteerism and Humanitarian Award Winners	p. 69*	W 176	
9:45 - 1:00	SF01	Alimentary Tract I	p. 108*	W 470A	
9:45 - 1:00	VE01	Challenging and Unusual Problems in Surgery	p. 136*	W 187	
9:45 - 5:15	PG19	Benign Anorectal Disease	p. 59*	W 181	\$
9:45 - 5:15	SC05	Thyroid and Parathyroid Ultrasound	p. 51*	W 184A	\$
10:00 - 5:30	PG20-1	General Surgery Review Course	p. 60*	W 185	\$
11:30 - 1:00	PS110	Disparities in Access to Surgical Care	p. 70*	W 179	
11:30 - 1:00	PS111	Managing the Axilla in Breast Cancer	p. 71*	W 375B	
11:30 - 1:00	PS112	The Nasty Gallbladder	p. 71*	W 375DE	

11:30 - 1:00	PS113	Robotic Surgery in the Abdomen and Pelvis: Should You Be Doing It?	p. 71*	W 178	
11:30 - 1:00	SP01	Liver/Biliary Track/Pancreas/Transplantation I	p. 98*	W 475	
1:00 - 5:15	SC06	Advanced Colonoscopy: Polypectomy and Beyond	p. 51*	W 184D	\$
1:15 - 2:15	ME101	GastroEsophageal Reflux Disease (GERD)	p. 65*	HMPCC 12C	\$
1:15 - 2:15	ME102	Navigating Your Early Academic Career	p. 65*	HMPCC 24C	\$
1:15 - 2:15	ME103	Diverticulitis: Bring Your Dilemmas	p. 65*	HMPCC 12A	\$
1:15 - 2:15	ME106	Biliary Tract Misadventures	p. 65*	HMPCC 10D	\$
1:15 - 2:15	ME108	Severe Liver Injuries	p. 65*	HMPCC 10C	\$
1:15 - 2:15	ME109	Retroperitoneal Approach for Adrenalectomy	p. 65*	HMPCC 22C	\$
1:15 - 2:15	ME111	Perioperative Management of Platelet Inhibitors: When to Stop and When to Continue	p. 65*	HMPCC 10B	\$
1:15 - 2:15	ME112	Developing an Acute Care Surgery Service: Is It Right for My Hospital?	p. 65*	HMPCC 10A	\$
1:15 - 2:15	ME119	Lymphedema after Breast Surgery	p. 65*	HMPCC 20AB	\$
2:30 - 4:00	PS115	Bowel Obstruction: Causes, Management, and Prevention	p. 72*	W 375DE	
2:30 - 4:00	PS116	Evidence-Based Reviews in Surgery: Mechanical Bowel Prep—To Prep or Not to Prep in Rectal Cancer Surgery	p. 72*	W 178	
2:30 - 4:00	PS117	Initiates' Program: The Surgical Lifestyle—Finding Joy in the Profession	p. 72*	W 179	
2:30 - 4:00	PS118	Laparoscopic Pancreatectomy: Fad or the Future	p. 73*	W 375C	
2:30 - 4:00	PS122	Surgeons as Institutional Employees: A Strategic Look at Surgeons as Employees of Hospitals	p. 74*	W 375A	
2:30 - 4:00	SF05	Apoptosis	p. 111*	W 471B	
2:30 - 5:45	PS131	Latin America Day 2012	p. 74*	W 176	

* For a description of this session, please see the page number noted.

2:30 - 5:45	VE03	Subject-Oriented Symposium I: New Techniques and Technologies	p. 137*	W 175	
2:30 - 5:45	SF07	Transplantation and Tissue Engineering	p. 112*	W 471A	
2:30 - 5:45	VE05	General Surgery I	p. 139*	W 187	
4:15 - 5:45	PS123	Founders of Private Clinics and the Early History of the ACS	p. 74*	W 179	
4:15 - 5:45	PS124	Hemorrhoids and Fistulae: New Solutions for Old Problems	p. 75*	W 375DE	
4:15 - 5:45	PS125	The Impact of Neoadjuvant Chemotherapy on the Locoregional Management of Early Stage Breast Cancer	p. 75*	W 375C	
4:15 - 5:45	PS128	Treatment of Complications Associated with Anti-Reflux Surgery	p. 76*	W 375B	
4:15 - 5:45	PS129	Understanding What ACS NSQIP® Can Do for Your Patients and Hospital	p. 76*	W 475	
4:15 - 5:45	PS130	What Are the Limits of Office-Based Procedures?	p. 76*	W 474B	
4:15 - 5:45	SP03	Bariatric Surgery	p. 99*	W 196BC	
6:30 - 8:30	VE06	Clinical Workshop through Video	p. 139*	HC NW5	
Tuesday, October 2					
7:00 - 7:45	TH01	The Survival of General Surgery in 2012 and Beyond	p. 38*	W 375B	
7:00 - 7:45	TH05	How Washington Is Affecting Your Practice and Your Patients	p. 39*	W 375A	
8:00 - 9:30	PS201	After Discharge: Rehabilitation and End Results after Major Trauma	p. 77*	W 192	
8:00 - 9:30	PS203	Duodenal Emergencies: Perforation, Bleeding, and Trauma	p. 77*	W 375B	
8:00 - 9:30	PS205	REALLY? Is It an Emergency? And Other Appendicitis Conundrums	p. 78*	W 375DE	
8:00 - 9:30	SP05	Endocrine and Surgical Oncology I	p. 99*	W 175	
8:00 - 11:15	SF10	Critical Care I: Mechanisms of Cellular Injury in Trauma and Sepsis	p. 115*	W 470A	
8:00 - 11:15	VE07	General Surgery II	p. 140*	W 375A	
8:00 - 3:30	PG20-2	General Surgery Review Course	p. 60*	W 185	\$
8:00 - 5:00	SC10	Advanced Hepatopancreatobiliary (HPB) Ultrasound	p. 53*	W 184A	\$
8:15 - 5:45	SC09	Laparoscopic Colectomy	p. 52*	W 180	\$
9:45 - 10:45	NL05	Excelsior Surgical Society Edward D. Churchill Lecture	p. 46*	W 375B	
9:45 - 11:45	PS210	The Changing Role of Imaging and Visualization in the OR	p. 79*	W 175	
9:45 - 11:15	PS211	Management of Lower Gastrointestinal Hemorrhage	p. 79*	W 375DE	
9:45 - 11:15	PS212	New Trial Evidence and Emerging Controversies in Cancer Care	p. 80*	W 196BC	
9:45 - 11:15	PS215	Joining Forces: How We Can Help Our Returning Veterans	p. 81*	W 192	
11:30 - 12:30	ME203	Management of the Axilla in T1 or T2 Breast Cancer	p. 65*	HMPCC 12A	\$
11:30 - 12:30	ME205	Maintaining Your Academic Career	p. 66*	HMPCC 11B	\$



11:30 - 12:30	ME207	How to Diagnose and Treat Necrotizing Soft Tissue Infections	p. 66*	HMPCC 10D	\$
11:30 - 12:30	ME210	Breast Cancer Management in 2012	p. 66*	HMPCC 10B	\$
11:30 - 12:30	ME211	Should I Become a Hospital Employee?	p. 66*	HMPCC 22AB	\$
11:30 - 12:30	ME213	Pituitary Surgery: Past, Present, and Future	p. 66*	HMPCC 21C	\$
11:30 - 12:30	ME214	Minimally Invasive Hepatic Surgery	p. 66*	HMPCC 20C	\$
11:30 - 12:30	ME217	Treatment of Intraabdominal Infections: When to Operate	p. 66*	HMPCC 23AB	\$
12:45 - 2:15	PS220	Treating the Unusual and Complex GIST	p. 82*	W 375A	
12:45 - 2:15	PS221	The Current Status of Laparoscopic Inguinal Herniorrhaphy in General Surgical Practice	p. 82*	W 375B	
12:45 - 2:15	SP08	National and International Trends in Surgical Practice	p. 101*	W 470A	
12:45 - 2:15	VE11	Hepatobiliary Surgery	p. 141*	W 187	
12:45 - 4:00	SF13	Alimentary Tract II	p. 117*	W 475	
12:45 - 4:00	VE13	Subject-Oriented Symposium III: Surgical Management of Carcinoid and Neuroendocrine Tumors	p. 142*	W 194	
2:30 - 3:30	NL07	Olga M. Jonasson Lecture	p. 47*	W 179	
2:30 - 4:00	PS223	Abdominal Wall Reconstruction: Treating the Recurrent/Recalcitrant Belly	p. 83*	W 375B	
2:30 - 4:00	PS224	Adding Head and Neck Ultrasound to Your Practice: Benefits and Steps to Get Going	p. 83*	W 176	
2:30 - 4:00	PS226	Management of Unusual Lesions of the Biliary Tract: Choledochal Cysts, Gallbladder Cancer, Cholangiocarcinoma	p. 84*	W 375A	
2:30 - 4:00	PS227	Multidisciplinary Approach to Vaginal Fistulas	p. 84*	W 175	
2:30 - 4:00	PS228	Novel Methods to Prevent and Manage Anastomotic Complications of Intestinal Surgery	p. 84*	W 375DE	
2:30 - 4:00	VE14	Movie Classics from the Past	p. 142*	W 178	
2:30 - 5:45	VE15	Highlights of International Meetings	p. 143*	W 192	
4:15 - 5:45	PS229	Achieving the Best Outcomes for the Ostomy Patient: Perfect Stoma Creation and Effective Patient Education	p. 85*	W 375A	
4:15 - 5:45	PS230	Making the Most of Breast Imaging: From Diagnosis to Surgical Planning to Follow-Up Care	p. 85*	W 375B	
4:15 - 5:45	PS231	Nobel Prize-Winning Surgeons	p. 85*	W 179	
4:15 - 5:45	PS232	Severe Acute Pancreatitis: What to Do	p. 85*	W 375DE	
4:15 - 5:45	PS235	Team-Based Surgical Care: Who Is the Captain of the Ship?	p. 86*	W 175	
4:15 - 5:45	SP09	Surgical Education and Training	p. 101*	W 475	
6:30 - 8:30	VE17	Best Videos from the Past	p. 144*	HC NW5	

Wednesday, October 3					
8:00 - 9:30	PS301	Interventions to Treat Venous Thromboembolism	p. 87*	W 375A	
8:00 - 9:30	PS302	Primer on Necrotizing Soft Tissue Infections	p. 87*	W 375B	
8:00 - 9:30	PS303	Quality Programs for Breast Surgeons: What Do I Need to Know?	p. 87*	W 196BC	
8:00 - 9:30	PS304	Rectal Cancer 2012: Management IS Changing	p. 88*	W 375DE	
8:00 - 9:30	VE18	Subject-Oriented Symposium IV: 3D Video Imaging	p. 144*	W 196A	
8:00 - 9:30	SP10	General Surgery I	p. 102*	W 178	
8:00 - 11:15	SF20	Alimentary Tract III	p. 124*	W 471B	
8:00 - 11:15	SF21	Critical Care II: Epidemiology and Management of Trauma	p. 125*	W 470B	
8:00 - 3:30	PG22	Review Course in the Essentials of Vascular Surgery for General and Vascular Surgeons	p. 62*	W 185	\$
8:30 - 5:30	SC13	Basic Breast Ultrasound	p. 55*	W 184A	\$
9:00 - 4:30	PG24	Trauma Techniques: From Top to Bottom	p. 63*	W 181	\$
9:45 - 11:15	PS308	Have You Had a Surgical Site Infection Lately?	p. 89*	W 375A	
9:45 - 11:15	PS310	Surgical Management of Metastatic Cancer in the Abdomen	p. 90*	W 375DE	
9:45 - 11:15	SP12	Surgical Oncology II	p. 102*	W 187	
9:45 - 11:15	VE20	Subject-Oriented Symposium V: Managing Complications	p. 145*	W 194	
11:30 - 12:30	ME301	Office Ultrasound: How to Do It and How to Get Paid for It	p. 66*	HMPCC 12A	\$
11:30 - 12:30	ME303	How to Close the Open Abdomen	p. 66*	HMPCC 11A	\$
11:30 - 12:30	ME304	Diverticulitis Decision-Making for the Acute Care Surgeon	p. 66*	HMPCC 10D	\$
11:30 - 12:30	ME305	Choosing the Correct Bariatric Procedure	p. 66*	HMPCC 24C	\$
11:30 - 12:30	ME309	How to Succeed at MOC	p. 66*	HMPCC 10B	\$
11:30 - 12:30	ME310	Laparoscopic Colectomy: Moving Up the Learning Curve	p. 66*	HMPCC 10A	\$
11:30 - 12:30	ME312	Treatment of Severe Pancreatitis by the Acute Care Surgeon	p. 67*	HMPCC 23AB	\$
11:30 - 12:30	ME315	Surgical Malpractice 101: Primer on Being an Effective Expert Witness and Tips on Avoiding Being Sued Yourself	p. 67*	HMPCC 21AB	\$
11:30 - 12:30	ME316	Careers in Rural Surgery	p. 67*	HMPCC 20C	\$
12:45 - 2:15	PS312	Does the Science Support Extending Bariatric Surgery to New Populations?	p. 90*	W 178	
12:45 - 2:15	PS314	Operative Techniques in Colorectal Surgery: Tricks of the Trade	p. 91*	W 375DE	
12:45 - 2:15	PS315	Preventing and Managing Thyroid and Parathyroid Surgical Complications: The Anatomy of Thyroid Surgical Complications	p. 91*	W 187	
12:45 - 2:15	SP14	Quality and Outcomes	p. 103*	W 196BC	
12:45 - 2:15	VE21	Subject-Oriented Symposium VI: Surgical Endoscopy	p. 145*	W 194	
12:45 - 4:00	VE23	General Surgery III	p. 145*	W 192	
2:30 - 4:00	PS317	Obstetric Hemorrhage: They Might Call You	p. 92*	W 375A	
2:30 - 4:00	PS318	Reoperative Abdominal Surgery after a Previous "Catastrophe"	p. 92*	W 375DE	
2:30 - 4:00	PS319	Surgical Management of Inflammatory Bowel Disease	p. 93*	W 375B	
2:30 - 4:00	PS321	What's New in Blood Transfusion and Colloid Resuscitation	p. 93*	W 375C	
2:30 - 4:00	SP16	Surgical Oncology III	p. 104*	W 194	
4:15 - 5:45	PS323	The Committee on Trauma of the American College of Surgeons: Past, Present, and Future	p. 94*	W 375DE	
4:15 - 5:45	PS324	Genetic Evaluation of Colorectal Cancer: A New Mandate?	p. 94*	W 375A	
4:15 - 5:45	PS326	Papillary Thyroid Cancer: What You Thought You Already Knew	p. 94*	W 375C	
4:15 - 5:45	PS328	Progress and Current Controversies in the Management of Melanoma	p. 95*	W 375B	
Thursday, October 4					
8:00 - 9:30	PS400	Acute Care Surgery: A Typical Night on Call	p. 96*	W 375B	
8:00 - 9:30	PS401	Evolution in Outcomes of the Endoscopic and Surgical Management of Esophageal Cancer	p. 96*	W 179	
8:00 - 9:30	PS403	New Surgical and Nonsurgical Treatments for Obesity: Is There Hope on the Horizon?	p. 96*	W 375A	
8:00 - 9:30	SP19	Liver/Biliary Track/Pancreas/Transplantation II	p. 105*	W 475	
8:00 - 11:15	VE25	Bariatric Surgery	p. 146*	W 375C	
9:45 - 11:15	PS404	Dangerous Drugs and Surgery: Steroids, Anticoagulants, and Homeopathic Treatments	p. 97*	W 375B	
9:45 - 11:15	PS405	Identification and Management of Patients at High Risk for Breast Cancer	p. 97*	W 375A	
9:45 - 11:15	PS406	Therapeutic Uses of Energy Across the Surgical Specialties: What Are the Data Today and Possibilities for Tomorrow?	p. 97*	W 179	
9:45 - 11:15	SP20	General Surgery II	p. 106*	W 187	
BASIC/TRANSLATIONAL RESEARCH (BTR)					
Monday, October 1					
9:45 - 1:00	SF04	Targeted Therapies	p. 110*	W 471B	
2:30 - 4:00	SF05	Apoptosis	p. 111*	W 471B	
2:30 - 5:45	SF07	Transplantation and Tissue Engineering	p. 112*	W 471A	
4:15 - 5:45	PS126	Nanotechnology, Nanobots, and Surgery	p. 75*	W 375A	
Tuesday, October 2					
8:00 - 9:30	PS202	Biomedical Informatics and Computational Modeling in the Era of Personalized Medicine	p. 77*	W 196BC	
12:45 - 4:00	SF14	Biomarkers and Genetic Determinants of Disease and Outcomes	p. 118*	W 474A	
Wednesday, October 3					
8:00 - 11:15	SF22	Progenitor Cells and Cell-Based Therapies	p. 125*	W 471A	
2:30 - 3:15	NL11	I.S. Ravdin Lecture in Basic Sciences	p. 47*	W 179	

* For a description of this session, please see the page number noted.

4:15 - 5:45	PS324	Genetic Evaluation of Colorectal Cancer: A New Mandate?	p. 94*	W 375A	
CARDIOTHORACIC SURGERY (CTS)					
Monday, October 1					
9:45 - 10:45	NL02	John H. Gibbon, Jr., Lecture	p. 46*	W 375B	
11:30 - 1:00	PS109	Catheter-Based Cardiac Valve Surgery	p. 70*	W 474B	
1:15 - 2:15	ME117	Thoracic Emergencies and the On-Call General Surgeon	p. 65*	HMPCC 21AB	\$
2:30 - 4:00	PS120	The Pleural Space: Acute and Chronic Challenges	p. 73	W 474B	
2:30 - 5:45	VE04	Cardiothoracic Surgery	p. 138*	W 194	
4:15 - 5:45	PS128	Treatment of Complications Associated with Anti-Reflux Surgery	p. 76*	W 375B	
Tuesday, October 2					
8:00 - 9:30	SP04	Cardiothoracic Surgery I	p. 99*	W 176	
9:45 - 11:15	PS214	Thoracic Surgery in Childhood and Infancy: Implications for Adult Survivors	p. 80*	W 179	
12:45 - 2:15	PS218	Pulmonary Metastasectomy: What Are the Boundaries?	p. 81*	W 178	
2:30 - 5:45	SF16	Cardiothoracic Surgery I	p. 120*	W 471A	
Wednesday, October 3					
9:45 - 11:15	SP11	Cardiothoracic Surgery II	p. 102*	W 178	
12:45 - 4:00	SF24	Cardiothoracic Surgery II	p. 127*	W 471B	
Thursday, October 4					
8:00 - 11:15	SF30	Cardiothoracic Surgery III	p. 132*	W 470A	
CENTENNIAL (CEN)					
Monday, October 1					
4:15 - 5:45	PS123	Founders of Private Clinics and the Early History of the ACS	p. 74*	W 179	
Tuesday, October 2					
4:15 - 5:45	PS231	Nobel-Prize Winning Surgeons	p. 85*	W 179	
Wednesday, October 3					
4:15 - 5:45	PS323	The Committee on Trauma of the American College of Surgeons: Past, Present, and Future	p. 94*	W 375DE	
COLON AND RECTAL SURGERY (CRS)					
Monday, October 1					
9:45 - 11:15	PS102	Diverticulitis: Changing Paradigms of Treatment	p. 68*	W 375DE	
9:45 - 1:00	VE02	Colon and Rectal Surgery	p. 137*	W 375A	
9:45 - 5:15	PG19	Benign Anorectal Disease	p. 59*	W 181	\$
1:15 - 2:15	ME103	Diverticulitis: Bring Your Dilemmas	p. 65*	HMPCC 12A	\$
1:15 - 2:15	ME107	Difficult Ostomies	p. 65*	HMPCC 12B	\$
1:15 - 2:15	ME113	Best Practices for Fistula-in-Ano	p. 65*	HMPCC 24AB	\$
1:15 - 2:15	ME118	Finally, New Treatments for Bowel Incontinence	p. 65*	HMPCC 20C	\$
4:15 - 5:45	PS124	Hemorrhoids and Fistulae: New Solutions for Old Problems	p. 75*	W 375DE	
Tuesday, October 2					
8:00 - 9:00	NL04	Herand Abcarian Lecture	p. 46*	W 179	
8:15 - 5:45	SC09	Laparoscopic Colectomy Skills Course	p. 52*	W 180	\$
9:45 - 11:15	PS211	Management of Lower Gastrointestinal Hemorrhage	p. 79*	W 375DE	

11:30 - 12:30	ME202	Choosing Among the Best Procedures for Hemorrhoids	p. 65*	HMPCC 12B	\$
11:30 - 12:30	ME206	MOC—Colon and Rectal Surgery	p. 66*	HMPCC 11A	\$
11:30 - 12:30	ME209	Treatment Options for Anal Fissure	p. 66*	HMPCC 10C	\$
11:30 - 12:30	ME212	Total Mesorectal Excision: When and How	p. 66*	HMPCC 20AB	\$
11:30 - 12:30	ME218	Crohn's Disease: Bring Your Toughest Cases	p. 66*	HMPCC 22AB	\$
12:45 - 2:15	SP07	Colorectal Surgery I	p. 100*	W 175	
2:30 - 4:00	PS228	Novel Methods to Prevent and Manage Anastomotic Complications of Intestinal Surgery	p. 84*	W 375DE	
4:15 - 5:45	PS229	Achieving the Best Outcomes for the Ostomy Patient: Perfect Stoma Creation and Effective Patient Education	p. 85*	W 375A	
Wednesday, October 3					
8:00 - 9:30	PS304	Rectal Cancer 2012: Management IS Changing	p. 88*	W 375DE	
9:45 - 11:15	PS310	Surgical Management of Metastatic Cancer in the Abdomen	p. 90*	W 375DE	
11:30 - 11:15	ME304	Diverticulitis Decision-Making for the Acute Care Surgeon	p. 66*	HMPCC 10D	\$
11:30 - 12:30	ME308	Rectal Prolapse: Choosing the Best Operation	p. 66*	HMPCC 22C	\$
11:30 - 12:30	ME311	Anorectal Abscesses and Fistulae	p. 66*	HMPCC 24AB	\$
11:30 - 12:30	ME313	Pilonidal Cysts, Abscesses, and Fistulae: What to Do?	p. 67*	HMPCC 22AB	\$
11:30 - 12:30	ME314	Creating Functional Ostomies: Tips and Tricks	p. 67*	HMPCC 21C	\$
12:45 - 2:15	PS314	Operative Techniques in Colorectal Surgery: Tricks of the Trade	p. 91*	W 375DE	
2:30 - 4:00	PS319	Surgical Management of Inflammatory Bowel Disease	p. 93*	W 375B	
4:15 - 5:45	PS324	Genetic Evaluation of Colorectal Cancer: A New Mandate?	p. 94*	W 375A	
Thursday, October 4					
8:00 - 9:30	SP18	Colorectal Surgery II	p. 105*	W 178	
EDUCATION/OUTCOMES AND SAFETY (EDU)					
Saturday, September 29					
8:15 - 5:45	SC01	Advanced Skills Training for the Rural Surgeon: Complex Wound Care and Specialized Diagnostic Techniques	p. 49*	N-CASE	\$
8:30 - 5:30	SC02	Practical Applications of Ultrasound in the ICU: ECHO and Thoracic	p. 49*	W 183A	\$
Sunday, September 30					
8:30 - 4:00	SC04	Surgical Education: Principles and Practice	p. 50*	W 180	\$
Monday, October 1					
9:45 - 11:15	PS103	Employing an Allied Health Professional: The Practical Realities	p. 68*	W 194	
9:45 - 11:15	PS105	Parenting Beyond Pregnancy: The Challenges of Becoming a Surgeon-Parent	p. 69*	W 475	

11:30 - 1:00	PS114	Why Surgeons Need to Understand Social Networking	p. 71*	W 375C	
1:15 - 2:15	ME104	MOC—Vascular Surgery	p. 65*	HMPCC 11B	\$
2:30 - 4:00	PS116	Evidence-Based Reviews in Surgery: Mechanical Bowel Prep—To Prep or Not to Prep in Rectal Cancer Surgery	p. 72*	W 178	
2:30 - 4:00	PS117	Initiates' Program: The Surgical Lifestyle—Finding Joy in the Profession	p. 72*	W 179	
4:15 - 5:45	PS126	Nanotechnology, Nanobots, and Surgery	p. 75*	W 375A	
4:15 - 5:45	PS127	Staunch the Flow: How to Best Employ New Topical Hemostats, Sealants, and Adhesives	p. 75*	W 178	
Tuesday, October 2					
7:00 - 7:45	TH02	Modern Surgical Education and Increasing Fail Rates for the Boards: What Are We to Do?	p. 38*	W 375A	
7:00 - 7:45	TH04	Addressing Hospital Needs with NSQIP®	p. 38*	W 178	
8:00 - 9:30	PS200	10,000 Hours vs. 10,000 Cases: How to Train the Modern Day Surgeon	p. 77*	W 375C	
8:00 - 11:15	SF11	Surgical Education I	p. 116*	W 470B	
9:45 - 11:45	PS209	Can This Resident Be Saved?	p. 79*	W 375C	
9:45 - 11:45	PS210	The Changing Role of Imaging and Visualization in the OR	p. 79*	W 175	
11:30 - 12:30	ME206	MOC—Colon and Rectal Surgery	p. 66*	HMPCC 11A	\$
12:30 - 4:45	SC11	Advanced Leadership Skills	p. 54*	W 184D	\$
12:45 - 4:00	SF15	Quality, Outcomes, and Costs I	p. 119*	W 470B	
1:00 - 4:00 / 4:00 - 5:00	PS222	APDS Panel Session	p. 82*	W 196BC	
		APDS Business Meeting	p. 82*	W 196BC	
4:15 - 5:45	PS229	Achieving the Best Outcomes for the Ostomy Patient: Perfect Stoma Creation and Effective Patient Education	p. 85*	W 375A	
4:15 - 5:45	PS236	Simulation: The Future of Surgical Training and Rehearsal	p. 86*	W 176	
4:15 - 5:45	SP09	Surgical Education and Training	p. 101*	W 475	
Wednesday, October 3					
7:00 - 7:45	TH08	How to Initiate a Translational Research Academic Surgical Career	p. 41*	W 187	
8:00 - 11:15	SF23	Quality, Outcomes, and Costs II	p. 126*	W 470A	
8:00 - 5:30	SC12	Robotic Pelvic Surgery	p. 54*	W 184D	\$
8:30 - 4:00	PG23	Bundled Care and the Future of Surgical Health Care: Delivery and Outcomes	p. 63*	W 180	\$
8:30 - 5:30	SC13	Basic Breast Ultrasound	p. 55*	W 184A	\$
9:45 - 11:15	PS309	Improving the Quality of Surgical Care Around the World	p. 89*	W 475	
11:30 - 12:30	ME309	How to Succeed at MOC	p. 66*	HMPCC 10B	\$
12:45 - 2:15	PS311	Career Advancement for the New Academic Surgeon	p. 90*	W 375A	
12:45 - 2:15	SP14	Quality and Outcomes	p. 103*	W 196BC	
12:45 - 4:00	PS316	The College's International Guest Scholars and Travelers 2012	p. 92*	W 184A	
2:30 - 4:00	PS320	Taming the Unruly Colleague	p. 93*	W 196BC	
2:30 - 5:45	PS322	Ethics Colloquium: Ethical Issues and the Tension between Older and Younger Surgeons	p. 93*	W 187	

2:30 - 5:45	SF27	Surgical Education II	p. 130*	W 470B	
4:15 - 5:45	PS325	Mentoring and Monitoring Your Partners	p. 94*	W 196BC	
4:15 - 5:45	PS327	Preparing Tomorrow's Global Surgeons	p. 95*	W 475	
4:15 - 5:45	SF29	Patient Safety	p. 132*	W 471B	
Thursday, October 4					
8:00 - 11:15	SF31	Innovative Clinical Technology	p. 133*	W 470B	
8:00 - 11:15	SF33	Quality, Outcomes, and Costs III	p. 135*	W 471B	
ETHICS (ETH)					
Wednesday, October 3					
7:00 - 7:45	TH16	Ethics Teaching in Surgical Residency Programs: Are We Doing the Best We Can?	p. 44*	W 375A	
8:00 - 9:30	PS300	Hero, Victim, or Criminal? The Surgeon and Suffering	p. 87*	W 475	
9:45 - 10:45	NL09	Ethics and Philosophy Lecture	p. 47*	W 179	
2:30 - 5:45	PS322	Ethics Colloquium: Ethical Issues and the Tension between Older and Younger Surgeons	p. 93*	W 187	
GERIATRIC/PALLIATIVE CARE (GER)					
Monday, October 1					
4:15 - 5:45	SF09	Geriatric Surgery	p. 114*	W 471B	
Tuesday, October 2					
7:00 - 7:45	TH03	Palliative Care: Surgeons Wanted!	p. 38*	W 187	
9:45 - 11:15	PS213	Practical Pearls to Care for Your Geriatric Patients	p. 80*	W 176	
12:45 - 2:15	PS216	The ICU to Nowhere: Chronic Illness after Surgery	p. 81*	W 176	
Wednesday, October 3					
8:00 - 9:30	PS300	Hero, Victim, or Criminal? The Surgeon and Suffering	p. 87*	W 475	
HEALTH POLICY: PRACTICE MANAGEMENT/REIMBURSEMENT/LIABILITY ISSUES (HP)					
Saturday, September 29					
10:00 - 5:30	PG16	Seven Keys to Coding Success for Surgeons (Basic)	p. 57*	W 184D	\$
Sunday, September 30					
9:30 - 5:00	PG18	Successful Surgical Coding and Compliance (Advanced)	p. 58*	W 184D	\$
Monday, October 1					
9:45 - 11:15	PS103	Employing an Allied Health Professional: The Practical Realities	p. 68*	W 194	
11:30 - 1:00	PS110	Disparities in Access to Surgical Care	p. 70*	W 179	
11:30 - 1:00	PS114	Why Surgeons Need to Understand Social Networking	p. 71*	W 375C	
1:15 - 2:15	ME105	What Is New in Washington and the Impact on Surgical Practice	p. 65*	HMPCC 11A	\$
2:30 - 4:00	PS122	Surgeons As Institutional Employees: A Strategic Look at Surgeons As Employees of Hospitals	p. 74*	W 375A	
4:15 - 5:45	PS129	Understanding What ACS NSQIP® Can Do for Your Patients and Hospital	p. 76*	W 475	
4:15 - 5:45	PS130	What Are the Limits of Office-Based Procedures?	p. 76*	W 474B	

* For a description of this session, please see the page number noted.

Tuesday, October 2					
7:00 - 7:45	TH04	Addressing Hospital Needs with ACS NSQIP®	p. 38*	W 178	
7:00 - 7:45	TH05	How Washington Is Affecting Your Practice and Your Patients	p. 39*	W 375A	
7:00 - 7:45	TH06	Contracts	p. 39*	W 179	
8:00 - 9:30	PS204	The Ever-Changing World of Payment Methodologies	p. 78*	W 178	
9:45 - 11:15	PS208	The Brutal Reality: Living with Electronic Medical Records	p. 79*	W 178	
11:30 - 12:30	ME208	Advocacy for Surgeons	p. 66*	HMPCC 23C	\$
12:45 - 2:15	PS217	Joys and Trials of Being an Employed Surgeon: Is It Right for You?	p. 81*	W 375C	
12:45 - 4:00	SF15	Quality, Outcomes, and Costs I	p. 119*	W 470B	
4:15 - 5:45	PS235	Team-Based Surgical Care: Who Is the Captain of the Ship?	p. 86*	W 175	
Wednesday, October 3					
7:00 - 7:45	TH09	An Update on the Bariatric Accreditation Program	p. 42*	W 178	
8:00 - 11:15	SF23	Quality, Outcomes, and Costs II	p. 126*	W 470A	
8:30 - 4:00	PG23	Bundled Care and the Future of Surgical Health Care: Delivery and Outcomes	p. 63*	W 180	\$
12:45 - 2:15	SP14	Quality and Outcomes	p. 103*	W 196BC	
Thursday, October 4					
7:00 - 7:45	TH14	Using the Surgeon Specific Registry for the Practicing Surgeon	p. 44*	W 179	
7:00 - 7:45	TH15	Working with the American College of Surgeons to Improve Diversity	p. 44*	W 178	
7:00 - 7:45	TH17	Why Would a Surgeon Be a Member of Both a Specialty Surgery Association and the ACS?	p. 44*	W 375B	
8:00 - 9:30	PS402	Navigating E-Rx, PQRS, EHRs, and Other CMS Programs That Can Affect Reimbursement	p. 96*	W 187	
8:00 - 11:15	SF33	Quality, Outcomes, and Costs III	p. 135*	W 471B	
INFORMATICS (INFO)					
Monday, October 1					
11:30 - 1:00	PS114	Why Surgeons Need to Understand Social Networking	p. 71*	W 375C	
1:15 - 5:30	SC07	Fundamentals of Telemedicine for Surgeons	p. 52*	W 184BC	\$
Tuesday, October 2					
8:00 - 9:30	PS202	Biomedical Informatics and Computational Modeling in the Era of Personalized Medicine	p. 77*	W 196BC	
9:45 - 11:15	PS208	The Brutal Reality: Living with Electronic Medical Records	p. 79*	W 178	
Wednesday, October 3					
8:00 - 9:30	PS305	The Virtual Presence of Trauma Physicians	p. 88*	W 187	
INTERNATIONAL (INT)					
Monday, October 1					
9:45 - 1:00	PS107	Humanitarian Surgical Outreach at Home and Abroad: Reports of the 2012 Volunteerism and Humanitarian Award Winners	p. 69*	W 176	

2:30 - 5:45	PS131	Latin America Day 2012	p. 74*	W 176	
Tuesday, October 2					
12:45 - 2:15	SP08	National and International Trends in Surgical Practice	p. 101*	W 470A	
2:30 - 5:45	VE15	Highlights of International Meetings	p. 143*	W 192	
Wednesday, October 3					
8:00 - 9:00	NL08	Distinguished Lecture of the International Society of Surgery	p. 47*	W 179	
9:45 - 11:15	PS309	Improving the Quality of Surgical Care Around the World	p. 89*	W 475	
12:45 - 4:00	PS316	The College's International Guest Scholars and Travelers 2012	p. 92*	W 184A	
4:15 - 5:45	PS327	Preparing Tomorrow's Global Surgeons	p. 95*	W 475	
NAMED LECTURE (NL)					
Monday, October 1					
8:30 - 9:30	NL01	Opening Ceremony/Martin Memorial Lecture Sponsored by AUA	p. 46*	W 375DE	
9:45 - 10:45	NL02	John H. Gibbon, Jr., Lecture	p. 46*	W 375B	
2:30 - 3:30	NL03	Charles G. Drake History of Surgery Lecture	p. 46*	W 375B	
Tuesday, October 2					
8:00 - 9:00	NL04	Herand Abcarian Lecture	p. 46*	W 179	
9:45 - 10:45	NL05	Excelsior Surgical Society Edward D. Churchill Lecture	p. 46*	W 375B	
12:45 - 1:30	NL06	Scudder Oration on Trauma	p. 47*	W 375DE	
2:30 - 3:30	NL07	Olga M. Jonasson Lecture	p. 47*	W 179	
Wednesday, October 3					
8:00 - 9:00	NL08	Distinguished Lecture of the International Society of Surgery	p. 47*	W 179	
9:45 - 10:45	NL09	Ethics and Philosophy Lecture	p. 47*	W 179	
12:45 - 1:45	NL10	Commission on Cancer Oncology Lecture	p. 47*	W 375C	
2:30 - 3:15	NL11	I.S. Ravdin Lecture in Basic Sciences	p. 47*	W 179	
NEUROSURGERY (NEU)					
Monday, October 1					
11:30 - 1:00	PS108	Carotid Stenosis after CREST	p. 70*	W 175	
2:30 - 3:30	NL03	Charles G. Drake History of Surgery Lecture	p. 46*	W 375B	
Tuesday, October 2					
8:00 - 9:30	PS206	Return to Play Issues in Sports-Related Neurotrauma	p. 78*	W 475	
9:45 - 11:15	PS215	Joining Forces: How We Can Help Our Returning Veterans	p. 81*	W 192	
11:30 - 12:30	ME204	Nerve Monitoring for Thyroid Surgery	p. 66*	HMPCC 24C	\$
12:45 - 4:00	VE13	Subject-Oriented Symposium III: Surgical Management of Carcinoid and Neuro-Endocrine Tumors	p. 142*	W 194	
2:30 - 5:45	SF17	Orthopaedic Surgery, Neurosurgery, Obstetrics, and Gynecology	p. 121*	W 474B	
4:15 - 5:45	PS234	Surgical Management and Critical Care for Severe Brain Injuries	p. 86*	W 178	

OBSTETRICS AND GYNECOLOGY (OBG)					
Monday, October 1					
9:45 - 11:15	PS106	Sex after Surgery	p. 69*	W 175	
11:30 - 1:00	PS113	Robotic Surgery in the Abdomen and Pelvis: Should You Be Doing It?	p. 71*	W 178	
Tuesday, October 2					
12:45 - 2:15	VE12	Obstetrics and Gynecology	p. 142*	W 180	
2:30 - 4:00	PS227	Multidisciplinary Approach to Vaginal Fistulas	p. 84*	W 175	
2:30 - 5:45	SF17	Orthopaedic Surgery, Neurosurgery, Obstetrics, and Gynecology	p. 121*	W 474B	
Wednesday, October 3					
8:00 - 5:30	SC12	Robotic Pelvic Surgery	p. 54*	W 184D	\$
9:45 - 11:15	PS310	Surgical Management of Metastatic Cancer in the Abdomen	p. 90*	W 375DE	Ⓢ
2:30 - 4:00	PS317	Obstetric Hemorrhage: They Might Call You	p. 92*	W 375A	
OPHTHALMIC SURGERY (OPHTHO)					
Monday, October 1					
2:30 - 4:00	PS119	Ocular Trauma in the ER, in the OR, and on the Battlefield	p. 73*	W 184A	
ORTHOPAEDIC (ORT)					
Tuesday, October 2					
12:45 - 2:15	VE10	Orthopaedic Surgery	p. 141*	W 184A	
2:30 - 5:45	SF17	Orthopaedic Surgery, Neurosurgery, Obstetrics, and Gynecology	p. 121*	W 474B	
OTOLARYNGOLOGY - HEAD AND NECK SURGERY (OTO)					
Monday, October 1					
9:45 - 5:15	SC05	Thyroid and Parathyroid Ultrasound	p. 51	W 184A	\$
1:15 - 2:15	ME114	Working with Your Endocrinologists to Treat Patients with Thyroid Cancer	p. 65*	HMPCC 21C	\$
1:15 - 2:15	ME116	Intraoperative Gamma-Probe-Guided Parathyroidectomy	p. 65*	HMPCC 22AB	\$
Tuesday, October 2					
8:00 - 9:30	SP06	Plastics/Maxillofacial Surgery I	p. 100*	W 471B	
8:00 - 11:15	VE08	Otolaryngology—Head and Neck Surgery	p. 141*	W 194	
11:30 - 12:30	ME201	Central Neck Node Dissection for Thyroid Cancer: When and How Do I Do It	p. 65*	HMPCC 12C	\$
11:30 - 12:30	ME204	Nerve Monitoring for Thyroid Surgery	p. 66*	HMPCC 24C	\$
11:30 - 12:30	ME213	Pituitary Surgery: Past, Present, and Future	p. 66*	HMPCC 21A	\$
11:30 - 12:30	ME219	Minimally Invasive Parathyroidectomy without Intraoperative PTH	p. 66*	HMPCC 21AB	\$
2:30 - 4:00	PS224	Adding Head and Neck Ultrasound to Your Practice: Benefits and Steps to Get Going	p. 83*	W 176	
4:15 - 5:45	PS233	Surgical Management of Advanced Skin Cancers of the Head and Neck	p. 86*	W 187	

Wednesday, October 3					
11:30 - 12:30	ME302	Surgery for Metastatic Thyroid Cancer in Cervical Lymph Nodes	p. 66*	HMPCC 11B	\$
11:30 - 12:30	ME307	Challenges and Solutions in Modern Parathyroidectomy	p. 66*	HMPCC 23C	\$
11:30 - 12:30	ME317	Thyroid Cancer for the Practicing Clinician	p. 67*	HMPCC 20AB	\$
12:45 - 2:15	PS315	Preventing and Managing Thyroid and Parathyroid Surgical Complications: The Anatomy of Thyroid Surgical Complications	p. 91*	W 187	
4:15 - 5:45	PS326	Papillary Thyroid Cancer: What You Thought You Already Knew	p. 94*	W 375C	Ⓢ
PEDIATRIC SURGERY (PED)					
Monday, October 1					
9:45 - 11:15	PS101	Fetal Surgery: Past, Present, and Future	p. 68*	W 178	
2:30 - 5:45	SF06	Pediatric Surgery I	p. 111*	W 470A	
Tuesday, October 2					
8:00 - 9:30	PS205	REALLY? Is It an Emergency? And Other Appendicitis Conundrums	p. 78*	W 375DE	Ⓢ
9:45 - 11:15	PS214	Thoracic Surgery in Childhood and Infancy: Implications for Adult Survivors	p. 80*	W 179	
2:30 - 4:00	PS226	Management of Unusual Lesions of the Biliary Tract: Choledochal Cysts, Gallbladder Cancer, Cholangiocarcinoma	p. 84*	W 375A	Ⓢ
Wednesday, October 3					
8:00 - 11:15	VE19	Pediatric Surgery	p. 144*	W 192	
2:30 - 5:45	SF26	Pediatric Surgery II	p. 129*	W 470A	
PLASTIC AND MAXILLOFACIAL SURGERY (PLA)					
Saturday, September 29					
9:00 - 4:30	PG14	Management of Diabetic Lower Extremities	p. 55*	W 181	\$
Monday, October 1					
9:45 - 1:00	SF02	Plastic Surgery I	p. 108*	W 471A	
Tuesday, October 2					
8:00 - 9:30	SP06	Plastics/Maxillofacial Surgery I	p. 100*	W 471B	
2:30 - 4:00	PS223	Abdominal Wall Reconstruction: Treating the Recurrent/Recalcitrant Belly	p. 83*	W 375B	
4:15 - 5:45	PS233	Surgical Management of Advanced Skin Cancers of the Head and Neck	p. 86*	W 187	
Wednesday, October 3					
12:45 - 4:00	SF25	Plastic Surgery II	p. 128*	W 184D	
4:15 - 5:45	SP17	Plastics/Maxillofacial Surgery II	p. 104*	W 178	
Thursday, October 4					
8:00 - 11:15	SF32	Plastic Surgery III	p. 134*	W 471A	
RESIDENTS/MEDICAL STUDENTS (RES/MED)					
Sunday, September 30					
12:00 - 6:00		Medical Student Program, Day I	p. 34*	W 190	
1:00 - 4:00		RAS Symposium	p. 34*	W 194	
Monday, October 1					
9:45 - 12:00		Now that You Want to Become a Surgeon: Strategies for Success—A Special Program for Medical Students	p. 35*	W 192	




* For a description of this session, please see the page number noted.

10:00 - 4:00		Surgery Resident Program: Essential Skills for Surgical Practice: A Primer for Residents	p. 36*	W 196	
1:00 - 6:00		Medical Student Program, Day II	p. 36*	W 192	
5:30 - 9:00		Cardiothoracic Surgery in the Future: Technology Overview for Residents and Medical Students	p. 37*	S 101	\$
Tuesday, October 2					
8:00 - 9:30	PS200	10,000 Hours vs. 10,000 Cases: How to Train the Modern Day Surgeon	p. 77*	W 375B	
8:00 - 11:15	PS207	Spectacular Cases from Residents	p. 78*	W 187	
8:00 - 11:15	SF11	Surgical Education I	p. 116*	W 470B	
9:45 - 11:45	PS209	Can This Resident Be Saved?	p. 79*	W 375B	
1:00 - 4:00/ 4:00 - 5:00	PS222	APDS Panel Session APDS Business Meeting	p. 82*	W 196BC	
1:00 - 6:00		Medical Student Program, Day III	p. 40*	W 192	
Wednesday, October 3					
8:00 - 11:15	PS306	Surgical Jeopardy	p. 88*	W 375C	
12:45 - 2:15	PS311	Career Advancement for the New Academic Surgeon	p. 90*	W 375A	
2:30 - 5:45	SF27	Surgical Education II	p. 130*	W 470B	
4:15 - 5:45	PS325	Mentoring and Monitoring Your Partners	p. 94*	W 196BC	
4:15 - 5:45	PS327	Preparing Tomorrow's Global Surgeons	p. 95*	W 475	
Thursday, October 4					
7:00 - 7:45	TH13	International Surgical Research for Residents: Lessons from Fellow Travelers	p. 43*	W 375C	
7:00 - 7:45	TH15	Working with the American College of Surgeons to Improve Diversity	p. 44*	W 178	
SURGICAL HUMANITARIAN OUTREACH (HUM)					
Monday, October 1					
9:45 - 1:00	PS107	Humanitarian Surgical Outreach at Home and Abroad: Reports of the 2012 Volunteerism and Humanitarian Award Winners	p. 69*	W 176	
11:30 - 1:00	PS110	Disparities in Access to Surgical Care	p. 70*	W 179	
Tuesday, October 2					
12:45 - 2:15	SP08	National and International Trends in Surgical Practice	p. 101*	W 470A	
Wednesday, October 3					
7:00 - 7:45	TH07	Humanism in the Operating Room: Methods to Develop and Promote the Surgeon's Role in Delivering Patient-Centered Care	p. 41*	W 192	
9:45 - 11:15	PS309	Improving the Quality of Surgical Care Around the World	p. 89*	W 475	
12:45 - 4:00	PS316	The College's International Guest Scholars and Travelers 2012	p. 92*	W 184A	
4:15 - 5:45	PS327	Preparing Tomorrow's Global Surgeons	p. 95*	W 475	
SURGICAL ONCOLOGY (ONC)					
Monday, October 1					
9:45 - 11:15	PS104	New Paradigms for Management of Colorectal Liver Metastasis	p. 69*	W 179	
9:45 - 1:00	SF03	Surgical Oncology/Endocrine I	p. 109*	W 470B	


11:30 - 1:00	PS111	Managing the Axilla in Breast Cancer	p. 71*	W 375C	
1:15 - 2:15	ME114	Working with Your Endocrinologists to Treat Patients with Thyroid Cancer	p. 65*	HMPCC 21C	\$
2:30 - 4:00	PS121	Prostate Cancer: Modern Concepts on Screening, Active Surveillance, and Surgical Treatment	p. 73*	W 475	
4:15 - 5:45	PS125	The Impact of Neoadjuvant Chemotherapy on the Locoregional Management of Early Stage Breast Cancer	p. 75*	W 375C	
Tuesday, October 2					
8:00 - 9:30	SP05	Endocrine and Surgical Oncology I	p. 99*	W 175	\$
9:00 - 4:30	PG21	High-Risk Breast Cancer Management from A to Z	p. 61*	W 181	
9:45 - 11:15	PS212	New Trial Evidence and Emerging Controversies in Cancer Care	p. 80*	W 196BC	
11:30 - 12:30	ME201	Central Neck Node Dissection for Thyroid Cancer: When and How Do I Do It	p. 65*	HMPCC 12C	\$
11:30 - 12:30	ME203	Management of the Axilla in T1 or T2 Breast Cancer	p. 65*	HMPCC 12A	\$
11:30 - 12:30	ME210	Breast Cancer Management in 2012	p. 66*	HMPCC 10B	\$
12:45 - 2:15	PS220	Treating the Unusual and Complex GIST	p. 82*	W 375A	
12:45 - 4:00	SF14	Biomarkers and Genetic Determinants of Disease and Outcome	p. 118*	W 474A	
2:30 - 4:00	PS226	Management of Unusual Lesions of the Biliary Tract: Choledochal Cysts, Gallbladder Cancer, Cholangiocarcinoma	p. 84*	W 375A	
2:30 - 5:45	SF18	Surgical Oncology/Endocrine II	p. 122*	W 471B	
4:15 - 5:45	PS230	Making the Most of Breast Imaging: From Diagnosis to Surgical Planning to Follow-Up Care	p. 85*	W 375B	
4:15 - 5:45	PS233	Surgical Management of Advanced Skin Cancers of the Head and Neck	p. 86*	W 187	
Wednesday, October 3					
7:00 - 7:45	TH11	Resolving Controversies in Cancer Care: American College of Surgeons—Clinical Research Program—An Expert Forum and Open Discussion	p. 42*	W 179	
8:00 - 9:30	PS303	Quality Programs for Breast Surgeons: What Do I Need to Know?	p. 87*	W 196BC	
8:00 - 9:30	PS304	Rectal Cancer 2012: Management IS Changing	p. 88*	W 375DE	
9:45 - 11:15	PS310	Surgical Management of Metastatic Cancer in the Abdomen	p. 90*	W 375DE	
9:45 - 11:15	SP12	Surgical Oncology II	p. 102*	W 187	
11:30 - 12:30	ME302	Surgery for Metastatic Thyroid Cancer in Cervical Lymph Nodes	p. 66*	HMPCC 11B	\$
11:30 - 12:30	ME306	Prostate Cancer	p. 66*	HMPCC 10C	\$
11:30 - 12:30	ME317	Thyroid Cancer for the Practicing Clinician	p. 67*	HMPCC 20AB	\$

* For a description of this session, please see the page number noted.

12:45 - 1:45	NL10	Commission on Cancer Oncology Lecture	p. 47*	W 375C	
2:30 - 4:00	SP16	Surgical Oncology III	p. 104*	W 194	
4:15 - 5:45	PS324	Genetic Evaluation of Colorectal Cancer: A New Mandate?	p. 94*	W 375A	
4:15 - 5:45	PS326	Papillary Thyroid Cancer: What You Thought You Already Knew	p. 94*	W 375C	
4:15 - 5:45	PS328	Progress and Current Controversies in the Management of Melanoma	p. 95*	W 375B	
Thursday, October 4					
8:00 - 9:30	PS401	Evolution in Outcomes of the Endoscopic and Surgical Management of Esophageal Cancer	p. 96*	W 179	
9:45 - 11:15	PS405	Identification and Management of Patients at High Risk for Breast Cancer	p. 97*	W 375A	
TRAUMA/CRITICAL CARE (TRA)					
Saturday, September 29					
8:30 - 5:30	SC02	Practical Applications of Ultrasound in the ICU: ECHO and Thoracic	p. 49*	W 183A	\$
9:30 - 5:00	PG15	Challenging Surgical Emergencies: What to Do in the Middle of the Night	p. 56*	W 185	\$
Sunday, September 30					
8:00 - 4:30	PG17	Surgical Critical Care Board Review	p. 58*	W 185	\$
Monday, October 1					
11:30 - 1:00	SP02	Trauma and Acute Care I	p. 98*	W 194	
1:15 - 2:15	ME110	Trauma of the Genitourinary Tract	p. 65*	HMPCC 23C	\$
1:15 - 2:15	ME112	Developing an Acute Care Surgery Service: Is It Right for My Hospital?	p. 65*	HMPCC 10A	\$
1:15 - 2:15	ME115	Critical Care Management of the Traumatic Brain Injury	p. 65*	HMPCC 23AB	\$
2:30 - 4:00	PS119	Ocular Trauma in the ER, in the OR, and on the Battlefield	p. 73*	W 184A	
4:15 - 5:45	PS127	Staunch the Flow: How to Best Employ New Topical Hemostats, Sealants, and Adhesives	p. 75*	W 178	
Tuesday, October 2					
8:00 - 9:30	PS201	After Discharge: Rehabilitation and End Results after Major Trauma	p. 77*	W 192	
8:00 - 9:30	PS203	Duodenal Emergencies: Perforation, Bleeding, and Trauma	p. 77*	W 375B	
8:00 - 11:15	SF10	Critical Care I: Mechanisms of Cellular Injury in Trauma and Sepsis	p. 115*	W 470A	
9:45 - 11:15	PS215	Joining Forces: How We Can Help Our Returning Veterans	p. 81*	W 192	
11:30 - 12:30	ME215	Complex Abdominal Trauma	p. 66*	HMPCC 10A	\$
11:30 - 12:30	ME216	Endovascular Treatment of Vascular Trauma	p. 66*	HMPCC 24AB	\$
12:45 - 1:30	NL06	Scudder Oration on Trauma	p. 47*	W 375DE	
2:30 - 4:00	PS225	Endovascular Management of Acute Vascular Trauma	p. 83*	W 187	

4:15 - 5:45	PS234	Surgical Management and Critical Care for Severe Brain Injuries	p. 86*	W 178	
Wednesday, October 3					
7:00 - 7:45	TH10	Do Structures and Processes Lead to Better Outcomes in Trauma Care?	p. 42*	W 375B	
8:00 - 9:30	PS305	The Virtual Presence of Trauma Physicians	p. 88*	W 187	
8:00 - 11:15	SF21	Critical Care II: Epidemiology and Management of Trauma	p. 125*	W 470B	\$
9:00 - 4:30	PG24	Trauma Techniques: From Top to Bottom	p. 63*	W 181	\$
9:45 - 11:15	PS307	Devastating Pelvic Trauma	p. 89*	W 375B	
12:45 - 2:15	PS313	Experts on the Hot Seat: Challenging Trauma and Emergency Surgery Cases	p. 91*	W 375B	
12:45 - 2:15	SP15	Trauma and Acute Care II	p. 104*	W 179	
2:30 - 4:00	PS321	What's New in Blood Transfusion and Colloid Resuscitation	p. 93*	W 375C	
2:30 - 4:00	VE24	Trauma	p. 146*	W 178	
4:15 - 5:45	PS323	The Committee on Trauma of the American College of Surgeons: Past, Present, and Future	p. 94*	W 375DE	
Thursday, October 4					
8:00 - 9:30	PS400	Acute Care Surgery: A Typical Night on Call	p. 96*	W 375B	
9:45 - 11:15	PS404	Dangerous Drugs and Surgery: Steroids, Anticoagulants, and Homeopathic Treatments	p. 97*	W 375B	
UROLOGY (URO)					
Monday, October 1					
8:30 - 9:30	NL01	Opening Ceremony/Martin Memorial Lecture Sponsored by AUA	p. 46*	W 375DE	
9:45 - 11:15	PS106	Sex after Surgery	p. 69*	W 175	
11:30 - 1:00	PS113	Robotic Surgery in the Abdomen and Pelvis: Should You Be Doing It?	p. 71*	W 178	
1:15 - 2:15	ME110	Trauma of the Genitourinary Tract	p. 65*	HMPCC 23C	\$
2:30 - 4:00	PS121	Prostate Cancer: Modern Concepts in Screening, Active Surveillance, and Surgical Treatment	p. 73*	W 475	
Tuesday, October 2					
8:00 - 11:15	SF12	Urology and Reproductive Surgery I	p. 116*	W 471A	
2:30 - 4:00	PS227	Multidisciplinary Approach to Vaginal Fistulas	p. 84*	W 175	
2:30 - 5:45	SF19	Urology and Reproductive Surgery II (Robotics/MIS)	p. 123*	W 470A	
4:15 - 5:45	VE16	Urological Surgery	p. 143*	W 184A	
Wednesday, October 3					
8:00 - 5:30	SC12	Robotic Pelvic Surgery	p. 54*	W 184D	\$
9:45 - 11:15	PS307	Devastating Pelvic Trauma	p. 89*	W 375B	
11:30 - 12:30	ME306	Prostate Cancer	p. 66*	HMPCC 10C	\$
2:30 - 4:00	SP16	Surgical Oncology III	p. 104*	W 194	

* For a description of this session, please see the page number noted.

4:15 - 5:45	PS329	Sexual Dysfunction: Diagnosis and Management	p. 95*	W 192	
VASCULAR SURGERY (VAS)					
Saturday, September 29					
9:00 - 4:30	PG14	Management of Diabetic Lower Extremities	p. 55*	W 181	\$
Monday, October 1					
9:45 - 11:15	PS100	Current Issues in the Treatment of Mesenteric Ischemia	p. 68*	W 375C	
11:30 - 1:00	PS108	Carotid Stenosis after CREST	p. 70*	W 175	
1:15 - 2:15	ME104	MOC—Vascular Surgery	p. 65*	HMPCC 11B	\$
2:30 - 5:45	SF08	Vascular Surgery I	p. 113*	W 470B	
Tuesday, October 2					
11:30 - 12:30	ME216	Endovascular Treatment of Vascular Trauma	p. 66*	HMPCC 24AB	\$
12:45 - 2:15	PS219	Tools, Tips, and Tricks for AV Access	p. 82*	W 179	
2:30 - 4:00	PS225	Endovascular Management of Acute Vascular Trauma	p. 83*	W 187	
Wednesday, October 3					
8:00 - 9:30	PS301	Interventions to Treat Venous Thromboembolism	p. 87*	W 375A	
8:00 - 3:30	PG22	Review Course in the Essentials of Vascular Surgery for General and Vascular Surgeons	p. 62*	W 185	\$
9:45 - 11:15	SP13	Vascular Surgery	p. 103*	W 196BC	
12:45 - 2:15	VE22	Vascular Surgery	p. 145*	W 475	
2:30 - 5:45	SF28	Vascular Surgery II	p. 131*	W 471A	

Sessions of Special Interest

Sunday, September 30

Medical Student Program Session I

12:00 noon - 6:00 pm

Location: W 190

The Division of Education invites students from all four years of medical school to attend the Clinical Congress and to participate in this three-day Medical Student Program specially designed for those who may be interested in pursuing surgery as a career. Sessions with leading surgeon faculty members will cover topics pertinent to medical students at all levels. Topics will include strategies for success, alternate pathways of training, social media and surgery, identifying the qualities that program directors want in applicants, resident readiness, considering various surgical subspecialties and settings in which to practice, and other topics.

Additionally, the program will feature an interactive workshop for fourth-year medical students to hone their interviewing skills, and a poster session to enable students to present their research work. Highlights of the three-day program will include presentations from eminent surgical leadership such as ACS President-Elect, A. Brent Eastman, MD, FACS; ACS Division of Education Director, Ajit K. Sachdeva, MD, FACS, FRCS(C); and Chair of the ACS Board of Regents, J. David Richardson, MD, FACS.

Be sure to take advantage of this unique opportunity to interact with surgery residents, program directors, faculty and surgeons practicing in various surgical disciplines in academic and community settings, as well as other medical students interested in surgery. Note that programming is varied each of the three days. Students are invited to attend any or all of the three sessions. A welcome luncheon will be provided at 12:00 noon on Sunday only.

Early registration is encouraged as space is limited. The program is free to ACS Medical Student Members who register in advance. Nonmembers will be charged a nominal registration fee. Students must register for both Clinical Congress and the Medical Student Program and must be enrolled in a U.S., Canadian, or international allopathic or osteopathic medical school in order to participate.

Sponsored by the Committee on Medical Student Education

For additional information, contact the Division of Education Office at the Hilton Chicago or the Division of Education Booth at the ACS Resource Center at McCormick Place.

You may also visit our website at <http://www.facs.org/clincon2012/special/medicalstudent.html/>.

Resident and Associate (RAS) Society Symposium

1:00 - 4:00 pm

Location: W 194

Surgery at the End of Life: For Love or Money?

The 2012 RAS Symposium will discuss the complex situation of surgery at the end of life. Surgery, whether in the setting of an acute problem or terminal condition, can be emotionally charged, resource intensive, and ethically complex. Opinions may differ between patients and their families as well as between physicians and surgeons involved in complex patient care. These issues become compounded in the context of health care reform, outcomes tracking, and cost awareness. What leads to patient and surgeon frustration in these situations? What factors are important to discuss with patients and families faced with difficult surgical decisions? How do patients and surgeons make decisions regarding end-of-life surgery? Join us for a panel discussion composed of invited expert speakers as well as winners of the Issues Committee Essay Competition. This session will be followed by audience questions and interaction.

MODERATOR: Peter Angelos, MD, FACS, *Chicago, IL*

PANELISTS:

Michael D. Grossman, MD, FACS, *Bethlehem, PA*
Anne C. Mosenthal, MD, FACS, *Newark, NJ*
Jon G. Bailey, MD, *Halifax, NS*
Davud B. Sirjani, MD, *Stanford, CA*

The Convocation

6:00 - 8:00 pm

Location: W 375DE

PRESIDENT PRESIDING: Patricia J. Numann, MD, FACS, FRCS(Glas)(Hon), *Syracuse, NY*

Procession of Initiates

Procession of Officers, Regents, Governors, and Guests

Invocation

The Rt. Rev. Jeffrey D. Lee
12th Bishop of Chicago
St. James Cathedral, *Chicago, IL*

Presentation of Initiates by Chair, Board of Regents
J. David Richardson, MD, FACS, *Louisville, KY*

Fellowship Pledge by the Secretary, American College of Surgeons

Courtney M. Townsend, Jr., MD, FACS, *Galveston, TX*

Conferral of Fellowship by the President

Response on Behalf of New Fellows by Chair,
Resident and Associate Society
Heena P. Santry, MD, FACS, *Worcester, MA*

Presentation of the Distinguished Service Award by
the President of the College
Recipient: Jack W. McAninch, MD, FACS,
San Francisco, CA

Granting of Honorary Fellowships

Seiki Matsuno, MD, FACS, *Sendai, Japan*Presented by Andrew L. Warshaw, MD, FACS,
*Boston, MA*Enrique T. Ona, MD, FACS, FPCS, *Manila, Philippines*Presented by John Fildes, MD, FACS, *Las Vegas, NV*Hector Z. Orozco, MD, FACS, *Mexico City, Mexico*Presented by Carlos A. Pellegrini, MD, FACS,
FRCSI(Hon), *Seattle, WA*Lewis Spitz, MB, ChB, PhD (Med), MD(Hon), FRCS
(Edin, Eng), *London, England*Presented by Marshall Z. Schwartz, MD, FACS,
*Philadelphia, PA*Ignace B. Vergote, MD, PhD, *Leuven, Belgium*Presented by Karl C. Podratz, MD, FACS,
*Rochester, MN*Presentation of the American College of Surgeons
Lifetime Achievement Award by the President of the
CollegeGeorge F. Sheldon, MD, FACS, FRCS(Edin, Eng)
(Hon), *Chapel Hill, NC*

Installation of Officers, 2012–2013

As First Vice-President

R. Phillip Burns, MD, FACS, *Chattanooga, TN*

As Second Vice-President

John M. Daly, MD, FACS, *Philadelphia, PA*

As President

A. Brent Eastman, MD, FACS, *San Diego, CA*

Presidential Address

A. Brent Eastman, MD, FACS, *San Diego, CA*

Recession

Monday, October 1

The Opening Ceremony

8:30 - 9:00 am

Location: W 375DE

PRESIDENT PRESIDING: A. Brent Eastman, MD, FACS,
San Diego, CA

The Colors and the Canadian and American national anthems are presented, along with a short video highlighting the new President's theme for the year. The President introduces the College Officers and Regents, the Honorary Fellows, Past-Presidents, the recipient of the Distinguished Philanthropist Award, Special Invited Guests from national and international health care organizations, ACS Scholarship Recipients, and the International Guest Scholars.

Martin Memorial Lecture sponsored by the American Urological Association (NL01) Surgical Innovation vs. Regulation

9:00 - 9:30 am

Location: W 375DE

PRESIDING OFFICER: A. Brent Eastman, MD, FACS,
*San Diego CA*INTRODUCER: Howard M. Snyder III, MD, FACS,
*Philadelphia, PA*LECTURER: Michael R. Harrison, MD, FACS,
San Francisco, CA

The Martin Memorial Lecture and the American Urological Association (AUA) Lecture have been combined for presentation during the Opening Ceremony of the Clinical Congress. The Martin Memorial Lecture was established in 1946 to honor Franklin H. Martin, MD, FACS, founder of the College, and his wife, Isabelle Hollister Martin. The AUA Lecture has been sponsored by the AUA since 1967 and has featured diverse topics in surgery.

Now That You Want to Become a Surgeon: Strategies for Success—A Special Program for Medical Students

9:45 am - 12:00 noon

Location: W 192

Join residency program administrators, program directors, and surgical residents as they present a program designed specifically for medical students. Programming will be offered for students at all levels. Topics will include mastering the residency interview process, evaluating potential programs, and preparing oneself personally and professionally for the transition from medical school to residency. This program is free of charge for all registrants at Clinical Congress.

Opening Remarks

Linda Shaffer, C-TAGME, ARCS President,
Morgantown, WV

Strategies for Success: Surgical Residency Training

Paula M. Termuhlen, MD, FACS, APDS President,
Milwaukee, WI

Evaluating Potential Residency Programs

Mary Burda, ARCS Executive Member, *Toledo, OH*

Interview Process: Keys for Success

Lillian Figueroa, C-TAGME, ARCS Executive Member,
New Haven, CT

Interview Questions: First and Lasting Impressions

Stephanie Rowe, ARCS Executive Member,
*Nashville, TN*Overview of Academic Skills: ACS Fundamentals of
Surgery and Surgery Boot CampNiels D. Martin, MD, FACS, *Philadelphia, PA*The Resident's Perspective: Internship Year and Duty
HoursKatherine Klein, MD, *Toledo, OH*Valerie Takyi, MD, *Toledo, OH*

Family Life and Residency: The Balance

Karen A. Chojnacki, MD, FACS, *Philadelphia, PA*

Ask the Experts Panel

Raul M. Bosio, MD, *Toledo, OH*Karen A. Chojnacki, MD, FACS, *Philadelphia, PA*Donna Guinto, C-TAGME, *Philadelphia, PA*Katherine Klein, MD, *Toledo, OH*Matthew S. Loos, MD, *Morgantown, WV*Niels D. Martin, MD, FACS, *Philadelphia, PA*

SPECIAL
INTEREST



Valerie Takyi, MD, *Toledo, OH*
 Paula M. Termuhlen, MD, FACS, *Milwaukee, WI*

Sponsored by the American College of Surgeons, the Association of Program Directors in Surgery, and the Association of Residency Coordinators in Surgery

Special Program for Surgery Residents: Essential Skills for Surgical Practice: A Primer for Residents

10:00 am - 4:00 pm

Location: W 196

Surgery residents from all postgraduate year levels are invited by the Division of Education to participate in a special program designed to assist surgical residents with essential nonclinical issues they face during residency training and the transitional period to their post training career. Topics will include job hunting tips, managing professional liability risk, negotiating a first contract, attaining a successful work/life balance, and more. Speakers will include not only leaders from surgery, but also a certified financial planner, an attorney with extensive professional liability experience, and an expert in physician career development. Preregistration is encouraged, but all are welcome to attend on a space-available basis. This program is free of charge for all registrants at the Clinical Congress.

Opening Remarks

Leigh A. Neumayer, MD, FACS, *Salt Lake City, UT*,
 Course Director
 Ajit K. Sachdeva, MD, FACS, FRCSC, *Chicago, IL*,
 Director, Division of Education
 Gayle E. Woodson, MD, FACS, *Springfield, IL*, Chair,
 Committee on Resident Education

Tips on Looking for a Job

Roger G. Bonds, FMSD, CMSR, *Atlanta, GA*

Negotiating Your First Contract

Raymond L. Singer, MD, FACS, *Allentown, PA*

Reducing Your Professional Liability Risk and Enhancing Your Practice—Post Health Care Reform!

James W. Saxton, Esq., *Lancaster, PA*

Strategies for Financial and Personal Success

Ralph Broadwater, MD, FACS, CFP, *Little Rock, AR*

Special Presentation

A. Brent Eastman, MD, FACS, ACS President,
San Diego, CA
 Sarita D. Eastman, MD, FAAP, *San Diego, CA*

Transition to Practice and Work/Life Balance

Leigh A. Neumayer, MD, FACS, *Salt Lake City, UT*

For additional information, contact the Division of Education Office at the Hilton Chicago or the Division of Education Booth at the ACS Resource Center in McCormick Place.

Medical Student Program Session II

1:00 - 6:00 pm

Location: W 192

The Division of Education invites students from all four years of medical school to attend the Clinical Congress and to participate in this three-day Medical Student Program specially designed for those who

may be interested in pursuing surgery as a career. Sessions with leading surgeon faculty members will cover topics pertinent to medical students at all levels. Topics will include strategies for success, alternate pathways of training, social media and surgery, identifying the qualities that program directors want in applicants, resident readiness, considering various surgical subspecialties and settings in which to practice, and other topics.

A special feature of Monday's program will be the Medical Student Program Poster Session in which forty selected students will present their research work. An interactive workshop for fourth-year medical students to hone their interviewing skills will be hosted on Tuesday. Highlights of the three-day program will include presentations from eminent surgical leaders such as ACS President, A. Brent Eastman, MD, FACS; ACS Division of Education Director, Ajit K. Sachdeva, MD, FACS, FRCSC; and Chair of the ACS Board of Regents, J. David Richardson, MD, FACS.

Be sure to take advantage of this unique opportunity to interact with surgery residents, program directors, faculty, and surgeons practicing in various surgical disciplines in academic and community settings, as well as other medical students interested in surgery. Note that programming is varied each of the three days. Students are invited to attend any or all of the three sessions.

Early registration is encouraged as space is limited. The program is free to ACS Medical Student Members who register in advance. Nonmembers will be charged a nominal registration fee. Students must register for both Clinical Congress and the Medical Student Program and must be enrolled in a U.S., Canadian, or international allopathic or osteopathic medical school in order to participate.

Sponsored by the Committee on Medical Student Education

For additional information, contact the Division of Education Office at the Hilton Chicago or the Division of Education Booth at the ACS Resource Center at McCormick Place.

You may also visit our website at <http://www.facs.org/clincon2012/special/medicalstudent.html/>.

Meet the Expert Luncheons

1:15 - 2:15 pm

Hyatt McCormick Place Conference Center, room numbers listed below:

ME101 Gastro-Esophageal Reflux Disease (GERD)

Location: HMPCC 12C

TRACK: GEN

W. Scott Melvin, MD, FACS, *Columbus, OH*

ME102 Navigating Your Early Academic Career

Location: HMPCC 24C

TRACK: GEN

O. Joe Hines, MD, FACS, *Los Angeles, CA*

ME103 Diverticulitis: Bring Your Dilemmas

Location: HMPCC 12A

TRACKS: CRS, GEN

Tonia M. Young-Fadok, MD, FACS, FASCRS, *Phoenix, AZ*

ME104 MOC-Vascular Surgery*Location: HMPCC 11B*

TRACKS: EDU, VAS

Joseph L. Mills, MD, FACS, *Tucson, AZ***ME105 What Is New in Washington and the Impact on Surgical Practice***Location: HMPCC 11A*

TRACK: HP

Chad A. Rubin, MD, FACS, *Columbia, SC***ME106 Biliary Tract Misadventures***Location: HMPCC 10D*

TRACK: GEN

Keith D. Lillemoe, MD, FACS, *Boston, MA***ME107 Difficult Ostomies***Location: HMPCC 12B*

TRACK: CRS

Peter A. Cataldo, MD, FACS, *Burlington, VT***ME108 Severe Liver Injuries***Location: HMPCC 10C*

TRACK: GEN

Rao R. Ivatury, MD, FACS, *Richmond, VA***ME109 Retroperitoneal Approach for Adrenalectomy***Location: HMPCC 22C*

TRACK: GEN

James A. Lee, MD, FACS, *New York, NY***ME110 Trauma of the Genitourinary Tract***Location: HMPCC 23C*

TRACKS: TRA, URO

Jack W. McAninch, MD, FACS, *San Francisco, CA***ME111 Perioperative Management of Platelet Inhibitors: When to Stop and When to Continue***Location: HMPCC 10B*

TRACK: GEN

K. Craig Kent, MD, FACS, *Madison, WI***ME112 Developing an Acute Care Surgery Service: Is It Right for My Hospital?***Location: HMPCC 10A*

TRACKS: GEN, TRA

Mary C. McCarthy, MD, FACS, *Dayton, OH***ME113 Best Practices for Fistula-in-ano***Location: HMPCC 24AB*

TRACK: CRS

Neil H. Hyman, MD, FACS, *Burlington, VT***ME114 Working with Your Endocrinologists to Treat Patients with Thyroid Cancer***Location: HMPCC 21C*

TRACKS: ONC, OTO

Gerard M. Doherty, MD, FACS, *Boston, MA***ME115 Critical Care Management of the Traumatic Brain Injury***Location: HMPCC 23AB*

TRACK: TRA

Alex B. Valadka, MD, FACS, *Austin, TX***ME116 Intraoperative Gamma Probe-Guided Parathyroidectomy***Location: HMPCC 22AB*

TRACK: OTO

Herbert Chen, MD, FACS, *Madison, WI***ME117 Thoracic Emergencies and the On-Call General Surgeon***Location: HMPCC 21AB*

TRACK: CTS

Thomas K. Varghese, Jr., MD, FACS, *Seattle, WA***ME118 Finally, New Treatments for Bowel Incontinence***Location: HMPCC 20C*

TRACK: CRS

Anders Mellgren, MD, FACS, *Minneapolis, MN***ME119 Lymphedema after Breast Surgery***Location: HMPCC 20AB*

TRACK: GEN

Pat W. Whitworth, MD, FACS, *Nashville, TN***Cardiothoracic Surgery in the Future: Technology Overview for Residents and Medical Students**

5:30 - 9:00 pm

Location: S 101

COURSE DIRECTORS:

Thomas E. MacGillivray, MD, FACS, *Massachusetts General Hospital, Boston, MA*James I. Fann, MD, FACS, *Stanford University Medical Center, Stanford, CA*

This course will introduce surgery residents and medical students to conventional and complex procedures performed by cardiothoracic (CT) surgeons today and provide information about upcoming new technologies and the six-year integrated cardiothoracic surgery training program. The primary focus of the session will be hands-on experience with specific cardiothoracic surgical procedures. Participants will experience and have the opportunity to perform these surgical procedures using synthetic and tissue-based simulation models. The program will be taught by cardiothoracic surgeons who are leaders in their respective fields of cardiac and general thoracic surgery. (Buffet dinner available at 5:30 pm)

Welcome and IntroductionsThomas E. MacGillivray, MD, FACS, *Boston, MA* and James I. Fann, MD, FACS, *Stanford, CA***Projected Needs of CT Surgery**Walter H. Merrill, MD, FACS, *Nashville, TN***Update of the Six-Year Integrated Cardiothoracic Surgery Programs**Richard H. Feins, MD, FACS, *Chapel Hill, NC***Wet Lab Orientation and Station Assignments****Rotating Hands-on Sessions****CARDIAC STATIONS**Aortic Valve and Root Replacement – Thomas E. MacGillivray, MD, FACS, MGH, *Boston, MA*Vessel Suturing – James I. Fann, MD, FACS, *Stanford University, Stanford, CA*Mitral Valve Repair – Walter H. Merrill, MD, FACS, *Vanderbilt University, Nashville, TN*OPCAB – Robert S. Higgins, MD, FACS, *Ohio State University, Columbus, OH*Transcatheter Valve Technology – Vinod H. Thourani, MD, FACS, *Emory University, Atlanta, GA*

THORACIC STATIONS

VATS Lobectomy – Scott J. Swanson, MD, FACS, Brigham and Women's Hospital, *Boston, MA*
 Endoluminal Esophageal Surgery – Daniel L. Miller, MD, FACS, Emory University, *Atlanta, GA*
 EBUS – Felix G. Fernandez, MD, FACS, Emory University, *Atlanta, GA*
 Chest Wall Reconstruction/ Stabilization – Min P. Kim, MD, The Methodist Hospital, *Houston, TX*

Tuesday, October 2

Town Hall Meetings

7:00 - 7:45 am

TH01: The Survival of General Surgery in 2012 and Beyond

Location: W 375B

TRACK: GEN

MODERATOR: E. Christopher Ellison, MD, FACS, *Columbus, OH*CO-MODERATOR: Kenneth W. Sharp, MD, FACS, *Nashville, TN*

General Surgery is a challenged specialty. The forces at work to that are shaping the field include economy, regulatory, sub-specialization, and advances in technology. The panel will discuss strategies to enhance the role of the general surgeon in his or her community and to establish an economically sustainable professional career as a general surgeon. Specific topics will include employment models, learning new technologies and procedures, on-call pay, part-time surgeons, re-entry into practice and the role of general surgeons in hospital administration and leadership. The attendee will learn various survival tactics that if implemented may lead to a more successful career as a general surgeon.

PANELISTS:

Can I Re-Enter the Workforce or Work Part-Time?
 Jo Buyske, MD, FACS, *Philadelphia, PA*

Employment Issues for General Surgeons: Negotiating Pay for Call, Hospital Employment Models, Locum Tenens/Surgical Hospitalists
 Joseph B. Cofer, MD, FACS, *Chattanooga, TN*

Sponsored by the Advisory Council for General Surgery

TH02: Modern Surgical Education and Increasing Fail Rates for the Boards: What Are We to Do?

Location: W 375C

TRACK: EDU

MODERATOR: Heena P. Santry, MD, FACS, *Worcester, MA*

In recent years, there has been a trend toward decreasing pass rates for the American Board of Surgery (ABS) Certifying Exam. In 2011, only 77% of examinees passed the exam. Meanwhile, there have been a number of additions to the surgical curriculum such as SCORE and FLS. This open forum will give

participants the opportunity to discuss this problem and brainstorm potential solutions with leaders in surgical education, leaders from the ABS, and recent trainees.

PANELISTS:

David V. Feliciano, MD, FACS, *Atlanta, GA*
 Mark A. Malangoni, MD, FACS, *Philadelphia, PA*
 James G. Bittner IV, MD, *Augusta, GA*

Sponsored by the Resident and Associate Society

TH03: Palliative Care: Surgeons Wanted!

Location: W 187

TRACKS: EDU, HP

MODERATOR: Geoffrey P. Dunn, MD, FACS, *Erie, PA*

During the past decade the modern principles and practices of palliative care, developed in non-surgical specialties in the U.S. and abroad, have been introduced to surgical practice, postgraduate education, and research. It is now a surgical subspecialty. Palliative care is interdisciplinary care that aims to relieve suffering and improve quality of life for patients and their families in the context of serious illness. It is offered simultaneously with all other appropriate medical treatment and its indication is not limited to situations associated with a poor prognosis for survival. This Town Hall will address how the practical, innovative, and fundamentally optimistic qualities of the surgeon can respond to the numerous opportunities offered by palliative care teams, Commission on Cancer programs, and palliative medicine fellowships.

PANELISTS:

Zara Cooper, MD, FACS, *Boston, MA*
 Bridget N. Fahy, MD, FACS, *Houston, TX*
 Daniel B. Hinshaw, MD, FACS, *Ann Arbor, MI*

Sponsored by the Task Force on Surgical Palliative Care

TH04: Addressing Hospital Needs with ACS NSQIP®

Location: W 178

TRACKS: EDU, HP

MODERATOR: J. Michael Henderson, MB, ChB, FACS, *Cleveland, OH*

The American College of Surgeons' National Surgical Quality Improvement Program (ACS NSQIP®) is a multi-specialty, validated, risk-adjusted outcomes database that promotes surgical quality evaluation and improvement. The program uses clinical data, and has been demonstrated to significantly improve outcomes—both complications and mortality. This Town Hall meeting will share how hospitals can become quality leaders by participating in ACS NSQIP, and implement positive cultural change and quality improvement initiatives within the hospital setting. A discussion and question/answer period will be included in this meeting.

PANELISTS:

Clifford Y. Ko, MD, MS, MSHS, FACS, *Chicago, IL*
 Bruce L. Hall, MD, PhD, MBA, FACS, *St. Louis, MO*

Sponsored by the Division of Research and Optimal Patient Care

TH05: How Washington Is Affecting Your Practice and Your Patients*Location: W 375A*

TRACKS: GEN, HP

MODERATOR: Andrew L. Warshaw, MD, FACS, *Boston, MA*

Public health policy is pervasive in the practice of medicine today. Legislative, executive, and judicial intervention is now a regular event at federal, state, and local levels. The American College of Surgeons (ACS) recognizes the importance of advocacy and a strong health policy agenda to ensure that Fellows have the ability to provide the necessary, high-quality care to their patients. This Town Hall meeting will be an interactive discussion on how Fellows can contribute time, talent, and finances to influence public health care policy in a manner that advocates for surgeons and their patients. Specific examples of advocacy efforts will be recounted by physician leaders and ACS Washington, DC, staff.

PANELISTS:

John G. Meara, MD, FACS, *Boston, MA*
 Charles D. Mabry, MD, FACS, *Pine Bluff, AR*
 Chad A. Rubin, MD, FACS, *Columbia, SC*
 Robert R. Bahnson, MD, FACS, *Columbus, OH*
 Christian Shalgian, *Washington, DC*
 John Hedstrom, *Washington, DC*

*Sponsored by the Health Policy and Advocacy Group***TH06: Contracts***Location: W 179*

TRACK: HP

MODERATOR: Jay A. Gregory, MD, FACS, *Muskogee, OK*

Can't live with them and can't live without them. The reality of a surgical practice today is a far cry from what it was 20-30 years ago. Of course those surgeons in academia have had contracts for years, but the community-practicing surgeon has enjoyed the independence of owning his/her own practice for many years. All that is changing and for many reasons. Key points that should be considered in all employment contracts will be discussed with emphasis being placed on review of the final contract by your personal attorney. Knowledge is key in negotiating a good employment contract. We are surgeons, and as such we are not trained in contracts. Find and retain a good contract attorney to help you through the maze of contract negotiation.

PANELISTS:

Jay A. Gregory, MD, FACS, *Muskogee, OK*
 Barney Cohen, *Chicago, IL*

*Sponsored by the Governors' Committee on Surgical Practices***Posters of Exceptional Merit Presentation**

11:30 am - 12:30 pm

Location: McCormick Place, West Building, Hall F2

Attendees are cordially invited to attend a lunchtime tour and discussion of the Posters of Exceptional Merit facilitated by Program Committee Chair, Valerie W. Rusch, MD, FACS. More than 300 posters will be on display at the Clinical Congress, but only a select few

are designated Posters of Exceptional Merit. Come hear the authors of these distinguished works present their innovative research and answer questions prior to the judges awarding one poster the title of Best Scientific Poster.

Meet the Expert Luncheons

11:30 am - 12:30 pm

Hyatt McCormick Place Conference Center, room numbers listed below:

ME201 Central Neck Node Dissection for Thyroid Cancer: When and How Do I Do It

Location: HMPCC 12C

TRACKS: ONC, OTO

Janice L. Pasieka, MD, FACS, FRCSC, *Calgary, AB*

ME202 Choosing Among the Best Procedures for Hemorrhoids

Location: HMPCC 12B

TRACK: CRS

Joseph P. Bannon, MD, FACS, FASCRS, *Scranton, PA*

ME203 Management of the Axilla in T1 or T2 Breast Cancer

Location: HMPCC 12A

TRACKS: GEN, ONC

Monica Morrow, MD, FACS, *New York, NY*

ME204 Nerve Monitoring for Thyroid Surgery

Location: HMPCC 24C

TRACKS: NEU, OTO

Gregory W. Randolph, MD, FACS, *Boston, MA*

ME205 Maintaining Your Academic Career

Location: HMPCC 11B

TRACK: GEN

Frank W. Sellke, MD, FACS, *Providence, RI*

ME206 MOC—Colon and Rectal Surgery

Location: HMPCC 11A

TRACKS: CRS, EDU

James W. Fleshman, MD, FACS, *St. Louis, MO*

ME207 How to Diagnose and Treat Necrotizing Soft Tissue Infections

Location: HMPCC 10D

TRACK: GEN

Eileen Metzger Bulger, MD, FACS, *Seattle, WA*

ME208 Advocacy for Surgeons

Location: HMPCC 23C

TRACK: HP

John H. Armstrong, MD, FACS, *Ocala, FL*

ME209 Treatment Options for Anal Fissure

Location: HMPCC 10C

TRACK: CRS

Amir L. Bastawrous, MD, FACS, *Seattle, WA*

ME210 Breast Cancer Management in 2012

Location: HMPCC 10B

TRACKS: GEN, ONC

David W. Ollila, MD, FACS, *Chapel Hill, NC* andLee G. Wilke, MD, FACS, *Madison, WI*

ME211 Should I Become a Hospital Employee?

Location: HMPCC 22AB

TRACK: GEN

David M. Mahvi, MD, FACS, *Chicago, IL*

ME212 Total Mesorectal Excision—When and How
Location: HMPCC 20AB

TRACK: CRS

Steven D. Wexner, MD, FACS, *Weston, FL* and
Alessandro Fichera, MD, FACS, FASCRS, *Chicago, IL***ME213 Pituitary Surgery: Past, Present, and Future**
Location: HMPCC 21C

TRACKS: GEN, OTO

John L. D. Atkinson, MD, FACS, *Rochester, MN***ME214 Minimally Invasive Hepatic Surgery**
Location: HMPCC 20C

TRACK: GEN

David A. Geller, MD, FACS, *Pittsburgh, PA***ME215 Complex Abdominal Trauma**
Location: HMPCC 10A

TRACK: TRA

David V. Feliciano, MD, FACS, *Atlanta, GA***ME216 Endovascular Treatment of Vascular Trauma**
Location: HMPCC 24AB

TRACKS: TRA, VAS

Benjamin W. Starnes, MD, FACS, *Seattle, WA***ME217 Treatment of Intraabdominal Infections: When to Operate**
Location: HMPCC 23AB

TRACK: GEN

Saman Arbabi, MD, MPH, FACS, *Seattle, WA***ME218 Crohn's Disease: Bring Your Toughest Cases**
Location: HMPCC 22C

TRACK: CRS

Fabrizio Michelassi, MD, FACS, *New York, NY***ME219 Minimally Invasive Parathyroidectomy without Intraoperative PTH**
Location: HMPCC 21AB

TRACK: OTO

Quan-Yang Duh, MD, FACS, *San Francisco, CA***Medical Student Program, Session III**

1:00 - 6:00 pm

Location: W 192

The Division of Education invites students from all four years of medical school to attend the Clinical Congress and to participate in this three-day Medical Student Program specially designed for those who may be interested in pursuing surgery as a career. Sessions with leading surgeon faculty members will cover topics pertinent to medical students at all levels. Topics will include strategies for success, alternate pathways of training, social media and surgery, identifying the qualities that program directors want in applicants, resident readiness, considering various surgical subspecialties and settings in which to practice, and other topics.

A special feature of Tuesday's program will be an interactive workshop for fourth-year medical students to hone their interviewing skills. This will be followed by an opportunity to network with residency program directors. Programming for first through third-year medical students will also be provided. Highlights of the three-day program will include presentations from eminent surgical leaders such as ACS President, A. Brent Eastman, MD, FACS; ACS Division of Educa-

tion Director, Ajit K. Sachdeva, MD, FACS, FRCS; and Chair of the ACS Board of Regents, J. David Richardson, MD, FACS.

Be sure to take advantage of this unique opportunity to interact with surgery residents, program directors, faculty, and surgeons practicing in various surgical disciplines in academic and community settings, as well as other medical students interested in surgery. Note that programming is varied each of the three days. Students are invited to attend any or all of the three sessions.

Early registration is encouraged as space is limited. The program is free to ACS Medical Student Members who register in advance. Nonmembers will be charged a nominal registration fee. Students must register for both Clinical Congress and the Medical Student Program and must be enrolled in a U.S., Canadian, or international allopathic or osteopathic medical school in order to participate.

Sponsored by the Committee on Medical Student Education

For additional information, contact the Division of Education Office at the Hilton Chicago or the Division of Education Booth at the ACS Resource Center in the McCormick Place.

You may also visit <http://www.facs.org/clincon2012/special/medicalstudent.html/>.

Best Practices to Keep Chapters Running Smoothly

2:30 - 4:00 pm

Location: W 180

This year, chapter leaders serving on the Governors' Committee on Chapter Relations (GCCR) have developed a series of four "best practices" concerning fundamental goals designed to keep chapters running smoothly and to provide real value to their members. These best practices increase chapters' effectiveness and support the overall goals of the College.

Future and current chapter leaders are encouraged to attend. In addition, executive staff, officers, and board members of surgical specialty societies, especially those organized with regional or state chapters, will also find these best practices applicable to the operation of their chapters. This year's focus on chapter support includes the following best practices:

Financial Control Is Easy!

This session will review basic financial concepts as they relate to fiscal health, the value of non-dues revenue to a chapter's balance sheet, and the importance of linking financial success to chapters' effectiveness.

John Rioux, MD, FACS, Florida Chapter

David Dexter, MD, FACS, Northwest Pennsylvania Chapter

Getting Residents Involved!

Chapter leaders know that the involvement of young surgeons and residents is critically important for robust, relevant chapters. This session will focus on programs and activities that have proved successful across several chapters.

S. Rob Todd, MD, FACS, New York Chapter/
Manhattan Council

George Alsop, MD, FACS, South Texas Chapter
 Gregory S. Cherr, MD, FACS, Western New York Chapter

The New Membership Benefit: Providing Self-Assessment CME for Members' MOC

Assisting members with recertification requirements can be an excellent value of ACS Chapter membership. An overview of the procedures for ACS Chapters will be presented.

Joel Lafleur, MD, FACS, Maine Chapter
 William Hawkins, MD, FACS, Missouri Chapter
 Eric Matayoshi, MD, FACS, Hawaii Chapter

Strategic Planning? Strategic Future!

Strategic planning, which includes mission statements, goals, objectives, and linking chapters' strengths with opportunities, will be presented.

Lisa Bailey, MD, FACS, Northern California Chapter
 Kevin P. Lally, MD, FACS, South Texas Chapter
 Daniel Johnson, MD, FACS, Illinois Chapter
 Bruce Waring, MD, FACS, Colorado Chapter

Sponsored by the Governors' Committee on Chapter Relations (GCCR)

2012 Excellence in Research Awards Distribution/Surgical Forum Dedication

Orthopaedic Surgery, Neurosurgery, Obstetrics, and Gynecology

2:30 - 5:45 pm

Location: W 474B

Prior to the scientific presentations (2:30 - 2:45), the Committee for the Forum on Fundamental Surgical Problems will distribute 12 awards for excellence in research, and the 63rd volume of the Owen H. Wangenstein Surgical Forum will be dedicated to Michael R. Harrison, MD, FACS, San Francisco, CA. Introduction will be made by Michael T. Longaker, MD, FACS, with remarks from Dr. Harrison immediately following. Surgical residents and their mentors are encouraged to attend the awards distribution/dedication.

Ninth Annual Rural Surgeons Open Forum and Oweida Scholarship Presentation

4:15 - 5:45 pm

Location: W 194

The session opens with the introduction of the 2012 Nizar N. Oweida Scholarship recipient, Stephanie Allen Lilly, MD, FACS, a rural general surgeon practicing in Berlin, NH. The Advisory Council for General Surgery's (ACGS) Committee on Rural Surgery sponsors this open forum to enable direct communication between rural general surgeons and a panel comprised of leaders of the American surgical profession. Representatives from the Board of Regents, the Board of Governors, the executive staff, and the ACS Health Policy Research Institute have been invited to participate. As health care reform continues to evolve, and in light of the Supreme Court's decision on the Patient Protection and Affordable Care Act, the panelists want to hear of your experiences and recommendations. The surgical workforce and its effect on the rural surgeon will be discussed.

This open forum is for all surgeons who believe that rural general surgeons are valuable to both the College and health care in America.

Sponsored by the ACGS Committee on Rural Surgery

Wednesday, October 3

Town Hall Meetings

7:00 - 7:45 am

TH07: Humanism in the Operating Room: Methods to Develop and Promote the Surgeon's Role in Delivering Patient-Centered Care

Location: W 192

TRACKS: EDU, RES/MED

MODERATOR: Gregory S. Cherr, MD, FACS, *Buffalo, NY*

Competing interests in medicine can divert the surgeon's attention away from the patient. However, the delivery of compassionate, patient-centered care is a fundamental role of the surgeon. In an era of increasingly bureaucratic and compartmentalized medical care, the role of the surgeon-patient relationship may be underemphasized or underappreciated. From humanistic surgical education to inter-professional team-based strategies to medical missions, this Town Hall will explore the methods available to accentuate patient-centered care in the surgical specialties. A diverse panel of experts will be present to facilitate a discussion of this timely topic.

PANELISTS:

Doruk E. Ozgediz, MD, MSc, *Buffalo, NY*

Sylvia D. Campbell, MD, FACS, *Tampa, FL*

Sponsored by Operation Giving Back, Resident and Associate Society, and Women in Surgery Committee

TH08: How to Initiate a Translational Research Academic Surgical Career

Location: W 187

TRACK: HP

MODERATOR: Frederick Y. Chen, MD, FACS, *Boston, MA*

The traditional "triple threat" surgeon who performs surgery, teaches residents, and engages in NIH-funded laboratory research is a goal virtually every surgical resident considers during training. The actual progress for achieving this is not well understood, especially with regard to laboratory research. Strategies for obtaining funding, overseeing a laboratory, and supervising residents in the context of maintaining and engaging in a full clinical practice are considered.

PANELISTS:

Edward P. Chen, MD, FACS, *Atlanta, GA*

Sponsored by the Committee for the Forum on Fundamental Surgical Problems

TH09: An Update on the Bariatric Accreditation Program*Location: W 178*

TRACK: TRA

MODERATOR: Ninh T. Nguyen, MD, FACS, *Orange, CA*

In this session we will discuss Bariatric Surgery Center Accreditation initiatives and requirements for participation. Benefits in participating in the Bariatric Surgery Accreditation Program include a process for quality improvement, eligibility to care for Medicare patients, and the ability to track outcomes with the bariatric-specific longitudinal outcomes database. At the conclusion of the Town Hall, there will be ample opportunity for a question and answer session hosted by members of the ACS Bariatric Advisory Committee.

PANELISTS:

Robin L. Blackstone, MD, FACS, FASMBS, *Scottsdale, AZ*Matthew M. Hutter, MD, MPH, FACS, *Boston, MA*Ronald H. Clements, MD, FACS, *Nashville, TN*

Sponsored by the Division of Research and Optimal Patient Care

TH10: Do Structures and Processes Lead to Better Outcomes in Trauma Care?*Location: W 375B*

TRACK: ONC

MODERATOR: Michael F. Rotondo, MD, FACS, *Greenville, NC*

Outcomes for trauma care vary between non-trauma centers and trauma centers as well as between trauma centers themselves. The "Resources for Optimal Care of the Injured Patient" document produced by the ACS Committee on Trauma (COT) strives to describe the structure and processes required at trauma centers to maximize outcomes. Ongoing research is being done to better determine which (if any) of these structures and / or processes are actually associated with the better outcomes seen in some centers. This Town Hall meeting will give the audience the opportunity to directly interact with the COT and COT-VRC leadership and discuss the benefits and limitations of this approach to performance improvement in the trauma system.

PANELISTS:

Chris Cribari, MD, FACS, *Fort Collins, CO*R. Stephen Smith, MD, RDMS, FACS, *Columbia, SC*

Sponsored by the Committee on Trauma

TH11: Resolving Controversies in Cancer Care: American College of Surgeons - Clinical Research Program—An Expert Forum and Open Discussion*Location: W 179*

TRACK: ONC

This Town Hall will provide open discussion with an expert panel on surgical oncology controversies. The main focus will be on cancer conundrums and cancer care standards. Clinical trials provide one of the best avenues to further science and provide answers on clinical conundrums. Incorporation of recent trial evidence into clinical practice is important, however can also create challenges for the multidisciplinary

teams caring for the oncologic patient. The panel will express their thoughts on where the difficult issues are currently in cancer care that need to be resolved. Additionally the panel will discuss how cancer standards are developed and how they affect surgeons in practice and clinical patient care.

Cancer ConundrumsMODERATOR: Judy C. Boughey, MB, BChir, FACS, *Rochester, MN*

PANELISTS:

Kelly K. Hunt, MD, FACS, *Houston, TX*Bryan F. Meyers, MD, MPH, FACS, *St. Louis, MO*James L. Mohler, MD, FACS, *Buffalo, NY***Cancer Standards**MODERATOR: Barbara A. Pockaj, MD, FACS, *Phoenix, AZ*

PANELISTS:

George J. Chang, MD, FACS, *Houston, TX*Diana Dickson-Witmer, MD, FACS, *Newark, DE*Stephen B. Edge, MD, FACS, *Buffalo, NY*

Sponsored by the Clinical Research Program

TH12: Maintenance of Certification: Is It Really Worth It?*Location: W 375A*

TRACK: HP

MODERATORS:

Steven M. Fletcher, MD, FACS, *Livingston, NJ*Danny R. Robinette, MD, FACS, *Fairbanks, AK*Tyler G. Hughes, MD, FACS, *McPherson, KS*

Today the new rules for Maintenance of Certification (MOC) are time-consuming and costly. Many surgeons are asking for a cost-benefit analysis to explain the need for such a program. Many hospital medical staffs are requiring that a surgeon be board certified to be eligible to apply for privileges. Some are even going so far as to make participation in the MOC program mandatory. As expendable income continues to fall, fellows will make critical decisions about where they are going to spend their hard-earned dollars. This Town Hall forum may help reinforce the concept of MOC while also putting forth more information as to the benefits of such a program. A discussion of the rationale will assist the Fellows in making such decisions regarding their own participation.

Sponsored by the Committee on Surgical Practices

Meet the Expert Luncheons

11:30 am - 12:30 pm

Hyatt McCormick Place Conference Center, room numbers listed below

ME301 Office Ultrasound: How to Do It and How to Get Paid for It

Location: HMPCC 12A

TRACK: GEN

Cord Sturgeon, MD, FACS, *Chicago, IL*

ME302 Surgery for Metastatic Thyroid Cancer in Cervical Lymph Nodes

Location: HMPCC 11B

TRACKS: ONC, OTO

Keith S. Heller, MD, FACS, *New York, NY*

ME303 How to Close the Open Abdomen*Location: HMPCC 11A*

TRACK: GEN

Timothy C. Fabian, MD, FACS, *Memphis, TN***ME304 Diverticulitis Decision-Making for the Acute Care Surgeon***Location: HMPCC 10D*

TRACKS: CRS, GEN

Laurence F. Yee, MD, FACS, FASCRS, *San Francisco, CA***ME305 Choosing the Correct Bariatric Procedure***Location: HMPCC 24C*

TRACK: GEN

Ninh T. Nguyen, MD, FACS, *Orange, CA***ME306 Prostate Cancer***Location: HMPCC 10C*

TRACKS: ONC, URO

William J. Catalona, MD, FACS, *Chicago, IL***ME307 Challenges and Solutions in Modern Parathyroidectomy***Location: HMPCC 23C*

TRACK: OTO

David J. Terris, MD, FACS, *Augusta, GA***ME308 Rectal Prolapse: Choosing the Best Operation***Location: HMPCC 22C*

TRACK: CRS

Linda M. Farkas, MD, FACS, FASCRS, *Raleigh, NC***ME309 How to Succeed at MOC***Location: HMPCC 10B*

TRACKS: EDU, GEN

Mark A. Malangoni, MD, FACS, *Philadelphia, PA***ME310 Laparoscopic Colectomy—Moving Up the Learning Curve***Location: HMPCC 10A*

TRACK: GEN

Ovunc Bardakcioglu, MD, FACS, *St. Louis, MO***ME311 Anorectal Abscesses and Fistulae***Location: HMPCC 24AB*

TRACK: CRS

Herand Abcarian, MD, FACS, *Chicago, IL***ME312 Treatment of Severe Pancreatitis by the Acute Care Surgeon***Location: HMPCC 23AB*

TRACK: GEN

Grant E. O'Keefe, MD, FACS, *Seattle, WA***ME313 Pilonidal Cysts, Abscesses and Fistulae—What to Do?***Location: HMPCC 22AB*

TRACK: CRS

Michael A. Buckmire, MD, FACS, *Chandler, AZ***ME314 Creating Functional Ostomies: Tips and Tricks***Location: HMPCC 21C*

TRACK: CRS

Bruce A. Orkin, MD, FACS, *Boston, MA***ME315 Surgical Malpractice 101: Primer on Being an Effective Expert Witness and Tips on Avoiding Being Sued Yourself***Location: HMPCC 21AB*

TRACK: GEN

Craig S. Derkay, MD, FACS, *Norfolk, VA***ME316 Careers in Rural Surgery***Location: HMPCC 20C*

TRACK: GEN

Tyler G. Hughes, MD, FACS, *McPherson, KS***ME317 Thyroid Cancer for the Practicing Clinician***Location: HMPCC 20AB*

TRACKS: ONC, OTO

Dennis H. Kraus, MD, FACS, *New York, NY***Annual Business Meeting of Members**

4:15 - 5:15 pm

*Location: W 179*PRESIDENT PRESIDING: A. Brent Eastman, MD, FACS, *San Diego, CA***Report of the Chair of the Board of Regents**J. David Richardson, MD, FACS, *Louisville, KY***Report of the Chair of the Board of Governors**Lena M. Napolitano, MD, FACS, *Ann Arbor, MI***Report of the Executive Director of the College**David B. Hoyt, MD, FACS, *Chicago, IL***Presentation of the Resident Award for Exemplary Teaching**

The President

Presentation of the Joan L. and Julius H. Jacobson II Promising Investigator Award to:Jacqueline S. Jeruss, MD, PhD, FACS, *Chicago, IL*

The President

Report of the Chair of the Nominating Committee of the Board of Governors; Announcement of Election of Regents and the Election of Officers of the Board of GovernorsHilary A. Sanfey, MB, BCh, FACS, *Springfield, IL***Report of the Chair of the Nominating Committee of the Fellows; Nomination and Election of Governors and Officers of the American College of Surgeons**David S. Mulder, MD, FACS, FRCS(C), *Montreal, QC Canada***Report of the Chair of the Board of Directors of the ACSA-SurgeonsPAC**Robert R. Bahnson, MD, FACS, *Columbus, OH***New Business****Adjournment****Thursday, October 4****Town Hall Meetings**

7:00 - 7:45 am

TH13: International Surgical Research for Residents: Lessons from Fellow Travelers*Location: W 375C*

TRACKS: HUM, INT, RES/MED

MODERATOR: Joseph V. Sakran, MD, *Philadelphia, PA*

With growing interest and opportunities in global surgery, more surgeons and surgical residents are seeking guidance on how to pursue meaningful international academic experiences, including the possibility of conducting collaborative international research. In this forum, residents who have successfully undertaken research projects in foreign systems will discuss their work and share their insights, experiences, practical advice and suggestions regarding funding, research planning, and implementation in a foreign setting.

PANELISTS:

Katrina Blackburn Mitchell, MD, *New York, NY*
 Christopher David Hughes, MD, *West Hartford, CT*
 Allison Frances Linden, MD, *Boston, MA*
 Gita N. Mody, *Boston, MA*
 Robin T. Petroze, MD, *Charlottesville, VA*

Sponsored by Operation Giving Back and Resident and Associate Society

TH14: Using the Surgeon Specific Registry for the Practicing Surgeon

Location: W 179

TRACKS: HP, RES/MED

MODERATOR: Clifford Y. Ko, MD, MSHS, FACS, *Chicago, IL*

Surgeons can use the Surgeon Specific Registry (SSR) to meet the American Board of Surgery Maintenance of Certification Part 4 requirements. The registry includes the most prevalent surgeries performed and approximately five negative occurrence variables for each. Definitions for each of the negative occurrence variables have been established but are under continual review. There are approximately 20 adult procedures and six pediatric procedures. Surgeons will select at least three procedures of concentration and will enter in all the cases for these three procedures until they have reached 100 cases or 100%, whichever comes first. Surgeons can run an Occurrence Variable Report to identify areas for improvement, and use this data to select Continuing Medical Education (CME) to improve their performance. Since the data is self-reported and de-identified to the College and ABS, an outside auditing agency will check for bias, complete records, and variability. Efforts are underway to include Physician Quality Reporting System (PQRS) measures and using the data for the Joint Commission of Accreditation OPPE. The SSR is a subset of the Case Log. Surgeons who have been using the Case Log can continue to do so, however, procedures that are in the SSR will be modified using the variables determined to be most relevant by the various committees and boards of the American Board of Surgery.

PANELISTS:

Tyler G. Hughes, MD, FACS, *McPherson, KS*
 Howard Tanzman, *Chicago, IL*
 Karl Y. Bilimoria, MD, MS, *Chicago, IL*

Sponsored by the Division of Research and Optimal Patient Care

TH15: Working with the American College of Surgeons to Improve Diversity

Location: W 178

TRACKS: HP, RES/MED

MODERATOR: Hilary A. Sanfey, MBBCh, FACS, *Springfield, IL*

CO-MODERATOR: Traci L. Hedrick, MD, *Charlottesville, VA*

The American College of Surgeons (ACS) is committed to improving diversity by recognizing and appreciating the variety of characteristics that make individuals unique in an atmosphere that promotes and celebrates individual and collective achievement. This is not simply about gender, ethnicity, disability, or age: it is about open-mindedness, embracing non-conformity and creating balanced teams. A diverse organization is one that invites, embraces, and manages difference in the changing workforce to gain the best from its people and to provide the best service to our patients. The speakers will briefly present their personal perspectives and then take questions from the floor as to how we can enable the ACS to achieve its goal of respecting diversity.

PANELISTS:

Heena P. Santry, MD, FACS, *Worcester, MA*
 Patricia L. Turner, MD, FACS, *Chicago, IL*
 Michael W. Yeh, MD, FACS, *Los Angeles, CA*

Sponsored by the Women in Surgery Committee

TH16: Ethics Teaching in Surgical Residency Programs: Are We Doing the Best We Can?

Location: W 375A

TRACK: ETH

MODERATOR: Peter Angelos, MD, PhD, FACS, *Chicago, IL*

CO-MODERATOR: Ira J. Kodner, MD, FACS, *St. Louis, MO*

In recent years, surgical residencies have increasingly included specific teaching sessions on the ethical issues in the care of surgical patients. Although there is a long-standing history of ethics teaching in undergraduate medical education, there is much less experience on focused teaching in ethics within surgical residency programs. The goal of this session is to bring together surgeons of all specialties to discuss different approaches to ethics teaching for surgical residents. Through short presentations and active discussion, we intend to highlight different strategies to teaching surgical ethics, and to identify resources for those programs interested in embarking on teaching programs in ethics.

PANELISTS:

Jason D. Keane, MD, *St. Louis, MO*
 William Doscher, MD, FACS, *Lake Success, NY*

Sponsored by the Committee on Ethics

TH17: Why Would a Surgeon Be a Member of Both a Specialty Surgery Association and the ACS?

Location: W 375B

TRACK: HP

MODERATOR: Philip R. Caropreso, MD, FACS, *Keokuk, IA*

With the economic climate of today, and with more and more surgeons being employed and having a set amount of dollars available for professional membership within their contracts, many surgeons are finding it hard to pay dues to an endless number of societies. The small numbers of Fellows attending the Advocacy Summit, answering calls for action, and participating in the ACS-PA-SurgeonsPAC may be symptoms of surgeons questioning the need to belong to multiple organizations. This, then, leads the surgeon to ask, "Who best represents me at all levels?" This Town Hall will listen to the Fellows as they answer these and other questions. Innovative ways to better use dollars will be discussed while stressing the programs, services, and advocacy efforts of the American College of Surgeons.

PANELISTS:

Pro

Frederick L. Greene, MD, FACS, *Charlotte, NC*

Con

John H. Marks, MD, FACS, *Wynnewood, PA**Sponsored by the Committee on Surgical Practices***SPECIAL
INTEREST**

Scientific Programs

Named Lectures

Monday, October 1

NL01 | 8:30 - 9:30 am
Opening Ceremony/Martin Memorial Lecture Sponsored by the American Urological Association: Surgical Innovation vs. Regulation

Location: W 375DE

TRACK: URO

PRESIDING OFFICER: A. Brent Eastman, MD, FACS, *San Diego CA*

INTRODUCER: Howard M. Snyder III, MD, FACS, *Philadelphia, PA*

LECTURER: Michael R. Harrison, MD, FACS, *San Francisco, CA*

Introduction of Honorary Fellows, recipient of the Distinguished Philanthropist Award, Officers, Regents, Past-Presidents, and special invited guests. The Martin Memorial Lecture and the American Urological Association Lecture (AUA) have been combined for presentation during the Opening Ceremony of the Clinical Congress. The AUA Lecture has been sponsored by the AUA since 1967 and has featured diverse topics in surgery. The Martin Memorial Lecture was established in 1946 to honor Franklin H. Martin, MD, FACS, founder of the College, and his wife, Isabelle Hollister Martin. The Opening Ceremony/Martin Memorial Lecture is alternately nominated by the Advisory Council for Urological Surgery and the ACS Honors Committee.



Michael R. Harrison

NL02 | 9:45 - 10:45 am
John H. Gibbon, Jr., Lecture: Critical Aortic Stenosis—Who Now Is Inoperable?

Location: W 375B

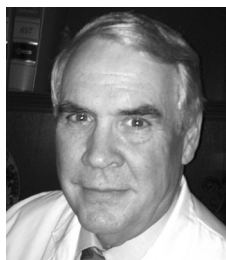
TRACK: CTS

PRESIDING OFFICER AND INTRODUCER: Bryan F. Meyers, MD, MPH, FACS, *St. Louis, MO*

LECTURER: Robert A. Guyton, MD, FACS, *Atlanta, GA*

Established in 1971 to honor this pioneer of open-heart surgery.

Sponsored by the Advisory Council for Cardiothoracic Surgery



Robert A. Guyton

NL03 | 2:30 - 3:30 pm
Charles G. Drake History of Surgery Lecture: A Personal 50-Year Experience Relating to the FDA

Location: W 375B

TRACK: NEU

PRESIDING OFFICER AND INTRODUCER: John L. D. Atkinson, MD, FACS, *Rochester MN*

LECTURER: Thomas J. Fogarty, MD, FACS, *Mountain View, CA*

Established by the Advisory Council for Neurological Surgery in 1992 to explore the historical development of surgery and to honor this leader in neurological surgery.



Thomas J. Fogarty

Tuesday, October 2

NL04 | 8:00 - 9:00 am
Herand Abcarian Lecture: Surviving Surgery, as a Career

Location: W 179

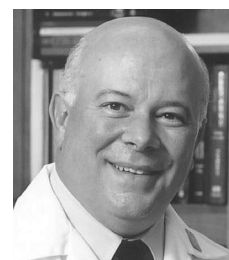
TRACK: CRS

PRESIDING OFFICER AND INTRODUCER: Thomas E. Read, MD, FACS, *Burlington, MA*

LECTURER: Ira J. Kodner, MD, FACS, *St. Louis, MO*

Established by the Chicago Society of Colon and Rectal Surgeons in 2006 to honor this colon and rectal surgeon and to address issues of relevance to the surgical community at-large and focus on emerging issues in surgery.

Sponsored by the Advisory Council for Colon and Rectal Surgery



Ira J. Kodner

NL05 | 9:45 - 10:45 am
Excelsior Surgical Society Edward D. Churchill Lecture: The Mass Production of Surgical Care

Location: W 375B

TRACK: GEN

PRESIDING OFFICER AND INTRODUCER: E. Christopher Ellison, MD, FACS, *Columbus, OH*

LECTURER: Atul A. Gawande, MD, FACS, *Boston, MA*

This lecture is named for the Excelsior Surgical Society, a group of 80 medical officers who met for the first time in 1945 at the Excelsior Hotel, Rome, Italy. This lecture also honors Col. Edward C. Churchill, a famous surgeon and consultant to the U.S. Army in



Atul A. Gawande

the World War II Italian Theatre, who presented the first keynote address at this meeting.

Sponsored by the Advisory Council for General Surgery

NL06 | 12:45 - 1:30 pm
Scudder Oration on Trauma:
Blunt Cerebrovascular Injuries:
Anatomic and Pathologic
Heterogeneity Creates
Management Enigmas
Location: W 375DE
 TRACK: TRA

PRESIDING OFFICER AND INTRODUCER:
 Michael F. Rotondo, MD, FACS,
Greenville, NC



Timothy C. Fabian

LECTURER: Timothy C. Fabian, MD, FACS, *Memphis, TN*
 Honoring Charles Locke Scudder, a founding member of the College and a major contributor to the surgery of trauma.

Sponsored by the Committee on Trauma

NL07 | 2:30 - 3:30 pm
Olga M. Jonasson Lecture:
Peeking Behind The Curtain:
Surgical Judgment Beyond
Cognition
Location: W 179
 TRACK: GEN

PRESIDING OFFICER AND INTRODUCER:
 Hilary A. Sanfey, MB, BCh, FACS,
Springfield, IL



Carol-anne Moulton

LECTURER: Carol-anne Moulton,
 MD, FRACS, MEd, PhD, *Toronto, ON*

Established by the Women in Surgery Committee to honor the memory of Olga Jonasson, MD, FACS, who died in August 2006. This lectureship is a testimony to leadership and education in surgery and a reflection of the capacity of women to reach academic pinnacles.

Sponsored by the Women in Surgery Committee

Wednesday, October 3

NL08 | 8:00 - 9:00 am
Distinguished Lecture of the
International Society of Surgery:
Humanitarian Missions: Can One
Surgeon Make a Difference?
Location: W 179
 TRACKS: GEN, HUM, INT

PRESIDING OFFICER AND INTRODUCER:
 Ari Leppaniemi, MD, PhD,
Helsinki, Finland



John R. Clarke

LECTURER: John R. Clarke, MD,
 FACS, *Philadelphia, PA*

Established in 1990 and endowed by the U.S. Chapter of the International Society of Surgery to recognize

the Society's worthwhile activities by honoring distinguished international surgeons.

NL09 | 9:45 - 10:45 am
Ethics and Philosophy
Lecture: The Grandest
Challenge: Global Health
Location: W 179
 TRACK: ETH

PRESIDING OFFICER AND INTRODUCER:
 Mark C. Weissler, MD, FACS,
Chapel Hill, NC

LECTURER: Peter A. Singer, MD,
 MPH, FRSC, *Toronto, ON*



Peter A. Singer

Sponsored by the Committee on Ethics and generously supported since 1991 by John J. Conley, MD, FACS (New York, NY) to explore ethical issues in surgery. Dr. Conley died in 1999, but his legacy continues and his memory is honored at this annual lecture.

NL10 | 12:45 - 1:45 pm
Commission on Cancer
Oncology Lecture: 50 Years of
Bowel Cancer Surgery—Tales of
the Unexpected
Location: W 375C
 TRACK: ONC

PRESIDING OFFICER AND INTRODUCER:
 Stephen B. Edge, MD, FACS,
Buffalo, NY

LECTURER: R. J. Heald, OBE, MChir,
 FRCS, *Basingstoke, Hampshire, United Kingdom*

Established in 1988 to explore major developments in oncology and to focus on the surgeon's role in caring for cancer patients.

Sponsored by the Commission on Cancer

NL11 | 2:30 - 3:15 pm
I.S. Ravdin Lecture in Basic
Sciences: Immunotherapy—
An Emerging Concept in the
Treatment of Sepsis
Location: W 179
 TRACK: BTR

PRESIDING OFFICER AND INTRODUCER:
 Mary T. Hawn, MD, FACS,
Birmingham, AL

LECTURER: Richard S. Hotchkiss,
 MD, *St. Louis, MO*



Richard S. Hotchkiss

Sponsored by the I.S. Ravdin Surgical Society since 1964 to honor Dr. Ravdin by promoting knowledge in basic sciences with application to surgery.

Postgraduate Courses

Postgraduate Courses and Fees

Only registered meeting attendees may purchase Postgraduate Course tickets. Seating capacities are limited, and ticket requests will be filled on a first-come, first-processed basis. All courses require a ticket for admission. Postgraduate Course tickets may also be purchased on-site, subject to availability. No refunds for Postgraduate Courses will be accepted after September 15, 2012. However, tickets may be exchanged for another course prior to the start of the course, and only if room is available.

Description of Fee Categories

Fellow: A surgeon who is a Fellow of the College

Non-Fellow: A practicing physician who is not currently a member of the College

RAS: Associate Fellows, Resident Members, Medical Student Members, and Affiliate Members of the College

Non-RAS: A physician in training or member of the surgical team who is currently in an accredited training program or working in a surgical-related setting but has no affiliation with the College

ACS System for Verification of Knowledge and Skills

The Board of Regents of the American College of Surgeons has approved a five-level model for verification and documentation of knowledge and skills by the Division of Education, following participation in the educational programs of the College. The model provides a framework for designing and implementing educational courses, based on principles of contemporary surgical education, and permits provision of appropriate documentation to the attendees.

The Postgraduate Didactic and Skills-Oriented courses offered at the Clinical Congress have been assigned verification levels I–III based on requirements of each level.

		Requirement(s)
Level I	Verification of attendance	Course ticket and course evaluation form
Level II	Verification of satisfactory completion of course objectives	Pre- and posttest* and/or skills report card; and course evaluation
Level III	Verification of knowledge and skills	Pre- and posttest* AND skills report card; and course evaluation
Level IV	Verification of preceptor experience	Not available at Clinical Congress

* Passing grade of 75 percent or higher is required on the posttest.

Level V	Verification of satisfactory patient outcomes	Not available at Clinical Congress
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Postgraduate Courses Verification of Completion

All Postgraduate Courses (didactic and skills-oriented) with a designated verification level of II and III will hold a self-assessment component toward Maintenance of Certification (MOC) Part 2. All requirements of these Postgraduate Courses (as outlined above) must be completed to receive AMA PRA Category 1 Credits™ and hours toward self-assessment.

Verification of completion of postgraduate courses will be posted to ACS members' My CME Transcript, and certificates will be sent via e-mail to nonmembers six to eight weeks following the conclusion of Clinical Congress.

Index to Postgraduate Courses

Admission to any Postgraduate Course is by ticket only (see page 9). Subject to availability, tickets may be purchased at the registration area at McCormick Place.

SC: Skills-Oriented Course

PG: Didactic Course

SC01	Advanced Skills Training for the Rural Surgeon: Complex Wound Care and Specialized Diagnostic Techniques	49
SC02	Practical Applications of Ultrasound in the ICU: ECHO and Thoracic	49
SC03	Flexible Endoscopy for General Surgeons . . .	50
SC04	Surgical Education: Principles and Practice	50
SC05	Thyroid and Parathyroid Ultrasound	51
SC06	Advanced Colonoscopy: Polypectomy and Beyond	51
SC07	Fundamentals of Telemedicine for Surgeons	52
SC09	Laparoscopic Colectomy Skills Course.	52
SC10	Advanced Hepatopancreaticobiliary (HPB) Ultrasound	53
SC11	Advanced Leadership Skills	54
SC12	Robotic Pelvic Surgery	54
SC13	Basic Breast Ultrasound	55
PG14	Management of Diabetic Lower Extremities	55
PG15	Challenging Surgical Emergencies: What to Do in the Middle of the Night	56
PG16	Seven Keys to Coding Success for Surgeons (Basic)	57
PG17	Surgical Critical Care Board Review	58
PG18	Successful Surgical Coding and Compliance (Advanced).	58
PG19	Benign Anorectal Disease.	59
PG20	General Surgery Review Course	60
PG21	High-Risk Breast Cancer Management from A to Z	61
PG22	Review Course in the Essentials of Vascular Surgery for General and Vascular Surgeons. . .	62
PG23	Bundled Care and the Future of Surgical Health Care: Delivery and Outcomes	63
PG24	Trauma Techniques: From Top to Bottom . . .	63

SC01 | Advanced Skills Training for the Rural Surgeon: Complex Wound Care and Specialized Diagnostic Techniques

TRACKS: EDU, GEN

8 credits, Verification Level II

1 session: Saturday, September 29; 8:15 am - 5:45 pm

Location: *The Northwestern Center for Advanced Surgical Education (N-CASE)*

CHAIR: Amy L. Halverson, MD, FACS, *Chicago, IL*

CO-CHAIR: Philip R. Caropreso, MD, FACS, *Keokuk, IA*

This course is designed to address the scope of practice unique to the rural surgeon. The pre-course didactic portion will cover basic concepts of wound management, including facial and hand injuries and the basic principles of using skin flaps for wound closure. There will also be didactic material on the basic principles of ultrasound. The course will utilize immersive simulation and hands-on mentored practice to present modules managing difficult wounds, including lacerations of the hand and face. The ultrasound module will include the use of ultrasound for diagnosis and treatment of breast lesions and central line insertion.

MODERATORS:

Amy L. Halverson, MD, FACS, *Chicago, IL*

Philip R. Caropreso, MD, FACS, *Keokuk, IA*

Overview Central Line

Jeffrey H Barsuk, MD, MS, FHM, *Chicago, IL*

Overview Breast

Carol Scott-Conner, MD, FACS, *Iowa City, IA*

Overview Plastic Surgery

Rene Francisco Recinos, MD, *Mason City, IA*

Hands-on Skills Instructors—Plastic Surgery

Gregory Ara Dumanian, MD, FACS, *Chicago, IL*

W. Thomas Huntsman, MD, *Cooperstown, NY*

Daniel J. Nagle, MD, FACS, *FAAOS, Chicago, IL*

Douglas M. Sidle, MD, FACS, *Chicago, IL*

Robert D. Galiano, MD, *Chicago, IL*

Hands-on Skills Instructors—Breast Ultrasound

Mary Beth Leonard, MD, FACS, *Berwyn, IL*

Carol Scott-Conner, MD, FACS, *Iowa City, IA*

Sara J. Fredrickson, MD, FACS, *Bloomington, IL*

Sonia Lee Sugg, MD, FACS, *Iowa City, IA*

Hands-on Skills Instructors—Ultrasound Central Line

Ervin B. Brown, MD, FACS, *Houston, TX*

Nabil Issa, MBChB, FACS, *Chicago, IL*

Sponsored by the Division of Education

SC02 | Practical Applications of Ultrasound in the ICU: ECHO and Thoracic

TRACKS: EDU, TRA

8 credits, Verification Level II

1 session: Saturday, September 29; 8:30 am - 5:30 pm

Location: *Lecture, W 183A; Workshop, W 183A*

CHAIR: Amy C. Sisley, MD, MPH, FACS, *Detroit, MI*

CO-CHAIR: Randall S. Frieze, MD, FACS, FCCM, *Tucson, AZ*

This course focuses on the ICU patient population emphasizing relevant ultrasound skills for the surgical intensivist. Recently, bedside echocardiography has emerged as a valuable tool in the assessment of critically ill patients. Included in this module is an introduction to the use of a limited echocardiogram assessing cardiac function and volume status. Additionally, evaluation of the thoracic cavity for the presence of fluid (hemothorax or pleural effusion) is included. The didactic sessions will review indications for bedside ECHO and thoracic imaging. Case studies will illustrate the application of ECHO in the management of critically ill patients. This course will provide hands-on experience in a small group format with experienced instructors. Hands-on sessions will be integrated with didactic sessions to maximize practical experience for participants.

MODERATORS:

Amy C. Sisley, MD, MPH, FACS, *Detroit, MI*

Randall S. Frieze, MD, FACS, FCCM, *Tucson, AZ*

Didactic and Hands-on Faculty

Victor Coba, MD, *Detroit, MI*

Paula A. Ferrada, MD, *Richmond, VA*

Heidi L. Frankel, MD, FACS, *Baltimore, MD*

Oliver L. Gunter, MD, FACS, *Nashville, TN*

Keith Killu, MD, FACP, RDCS, *Detroit, MI*

Sarah B. Murthi, MD, FACS, *Baltimore, MD*

Terence O'Keefe, MBChB, MSPH, FACS, *Tucson, AZ*

Kathryn M. Tchorz, MD, RDMS, FACS, *Dayton, OH*

Welcome and Introduction

BEAT Introduction

BEAT View 1: Parasternal Long

Hands-on Demo

BEAT View 2: Parasternal Short

Hands-on Demo

BEAT View 3: Apical (4-5 Chamber Views)

Hands-on Demo

BEAT View 4: Subxiphoid (IVC)

Hands-on Demo

Thoracic

Hands-on Demo

Pleural Space and Pneumothorax

Hands-on Demo

Case Presentations

Measurements (M-Mode)

BEAT View 1: Parasternal Long Advanced

Hands-on Demo

BEAT View 2: Parasternal Short Advanced

Hands-on Demo

BEAT View 3: Apical Advanced (4-5 Chamber Views)

Hands-on Demo

BEAT View 4: Subxiphoid Advanced (IVC)

Hands-on Demo

Panel Discussion

Sponsored by the National Ultrasound Faculty

SC03 | Flexible Endoscopy for General Surgeons

TRACK: GEN

SC03A, Lectures Only: 4 credits, Verification Level III
1 session: Sunday, September 30; 8:00 am - 12:15 pm
Location: W 181

SC03B, Lecture and Hands-on Workshop: 8 credits, Verification Level III
2 sessions: Sunday, September 30; 8:00 am - 5:30 pm
Location: Lecture, W 181; Workshop, W 183BC

CHAIR: Jeffrey M. Marks, MD, FACS, *Cleveland, OH*
CO-CHAIR: Jose M. Martinez, MD, FACS, *Miami, FL*

This four-hour didactic session followed by a four-hour hands-on course will provide education and experience with multiple basic and advanced endoscopic techniques in porcine explant models and endoscopic simulators. The didactic session will include indications, contraindications, complications, and practical techniques for these basic and advanced endoscopic procedures. The hands-on portion will allow participants to practice these techniques. The course is geared toward those physicians who already have a basic skill set in flexible endoscopy.

Completion of a pre- and posttest and a skills course report card are required for Verification Level III courses.

Session I

Sunday, 8:00 am - 12:15 pm

MODERATORS: Jeffrey M. Marks, MD, FACS, *Cleveland, OH*
Jose M. Martinez, MD, FACS, *Miami, FL*

Why Should I Perform Flexible Endoscopy?
Thadeus L. Trus, MD, *Lebanon, NH*

Patient Preparation and Sedation
John D. Mellinger, MD, FACS, *Springfield, IL*

EGD
Jose M. Martinez, MD, FACS, *Miami, FL*

Colonoscopy
Benjamin K. Poulouse, MD, *Nashville, TN*

Understanding Energy Sources
Brian J. Dunkin, MD, FACS, *Houston, TX*

Enteral Access (PEG, PEJ, Nasojejunal, TPEG)
Bipan Chand, MD, FACS, *Cleveland, OH*

Polypectomy
Conor P. Delaney, MCh, PhD, FACS, FASCRS, *Cleveland, OH*

Intraoperative Endoscopy
Robert D. Fanelli, MD, FACS, FASGE, *Pittsfield, MA*

Dilation (Balloon and Bougie)
Jeffrey W. Hazey, MD, FACS, *Columbus, OH*

Stents
Jeffrey M. Marks, MD, FACS, *Cleveland, OH*

A Glimpse of the Future of Flexible Endoscopy for Surgeons

Lee L. Swanstrom, MD, FACS, *Portland, OR*

Session II: Hands-on Skills Workshop

Sunday, 1:15 - 5:30 pm

MODERATORS: Jeffrey M. Marks, MD, FACS, *Cleveland, OH*
Jose M. Martinez, MD, FACS, *Miami, FL*

Hands-on Skills Station Instructors:

Diya I. Alaedeen, MD, FACS, *Cleveland, OH*
Robert Joshua Bowles, MD, *Miami, FL*
Bipan Chand, MD, FACS, *Cleveland, OH*
Conor P. Delaney, MCh, PhD, FACS, FASCRS, *Cleveland, OH*
Brian J. Dunkin, MD, FACS, *Houston, TX*
Robert D. Fanelli, MD, FACS, FASGE, *Pittsfield, MA*
Jeffrey W. Hazey, MD, FACS, *Columbus, OH*
Peter W. Marcello, MD, FACS, FASCRS, *Burlington, MA*
Jeffrey M. Marks, MD, FACS, *Cleveland, OH*
Jose M. Martinez, MD, FACS, *Miami, FL*
John D. Mellinger, MD, FACS, *Springfield, IL*
Michael F. McGee, MD, *Cleveland Heights, OH*
Ian M. Paquette, MD, *Cincinnati, OH*
Eric M. Pauli, MD, *Cleveland, WY*
Jonathan Patrick Pearl, MD, FACS, *Baltimore, MD*
Melissa S. Phillips, MD, *Knoxville, TN*
Jeffrey L. Ponsky, MD, FACS, *Cleveland, OH*
Benjamin K. Poulouse, MD, *Nashville, TN*
Charles Youngho Ro, MD, FACS, *Joplin, MO*
Steve Schomisch, PhD, *Cleveland, OH*
Steven D. Schwaitzberg, MD, FACS, *Cambridge, MA*
Lee L. Swanstrom, MD, FACS, *Portland, OR*
Thadeus L. Trus, MD, *Lebanon, NH*
Melina C. Vassiliou, MD, MEd, FACS, *Montreal, QC*
Vic Velanovich, MD, FACS, *Tampa, FL*

Sponsored by the Committee on Emerging Surgical Technology and Education

SC04 | Surgical Education: Principles and Practice

TRACK: EDU

6 credits, Verification Level I

2 sessions: Sunday, September 30; 8:30 am - 4:00 pm
Location: W 180

CHAIR: Anne T. Mancino, MD, FACS, *Little Rock, AR*
CO-CHAIR: Guy F. Brisseau, MD, MEd, FACS, FAAP, FRCS(C), *Halifax, NS*

The objective of this course is to enhance the teaching skills of surgeons active in student and resident teaching. The principles of adult learning, mentoring, needs assessment, questioning skills, conference management, feedback, and performance evaluation will be reviewed. In addition, participants will develop a thorough generational understanding of the practical applications of these principles, both in and out of the operating room. This course includes a workshop with interactive, small group discussion.

Session I

Sunday, 8:30 am - 12:00 pm

MODERATORS:

Anne T. Mancino, MD, FACS, *Little Rock, AR*
 Guy F. Brisseau, MD, MEd, FACS, FAAP, FRCS(C),
Halifax, NS

Introduction

Anne T. Mancino, MD, FACS, *Little Rock, AR*

Adult Learning

Mary E. Maniscalco-Theberge, MD, FACS, *Reston, VA*

Questioning Skills: Learning What They Know

Anne T. Mancino, MD, FACS, *Little Rock, AR*

Teaching Technical Skills: From Simulators to the OR

Michael R. Marohn, DO, FACS, *Baltimore, MD*

Session II

Sunday, 1:00 - 4:00 pm

MODERATORS:

Anne T. Mancino, MD, FACS, *Little Rock, AR*
 Guy F. Brisseau, MD, MEd, FACS, FAAP, FRCS(C),
Halifax, NS

Introduction—Skit

Guy F. Brisseau, MD, MEd, FACS, FAAP, FRCS(C),
Halifax, NS

Skit

John S. Bruun, MD, FACS, *Dayton, OH*
 Dwight C. Kellicut, MD, FACS, *Honolulu, HI*
 Anne T. Mancino, MD, FACS, *Little Rock, AR*
 Mary E. Maniscalco-Theberge, MD, FACS, *Reston, VA*
 Michael R. Marohn, DO, FACS, *Baltimore, MD*
 Philip G. Thomas, MB, BS, FACS, *Galveston, TX*
 Jason M. Wallen, MD, FACS, *Redlands, CA*

Capitalizing on Clinical Conferences

Philip G. Thomas, MB, BS, FACS, *Galveston, TX*

Feedback and Evaluation

Guy F. Brisseau, MD, MEd, FACS, FAAP, FRCS(C),
Halifax, NS

Summary

Guy F. Brisseau, MD, MEd, FACS, FAAP, FRCS(C),
Halifax, NS

Sponsored by the Division of Education

SC05 | Thyroid and Parathyroid Ultrasound

TRACKS: GEN, OTO

7 credits, Verification Level III

2 sessions: Monday, October 1; 9:45 - 5:15 pm

Session I Location: W 184A

Session II Location: W 183A

CHAIR: Robert A. Sofferman, MD, FACS, *Burlington, VT*

CO-CHAIR: Lisa A. Orloff, MD, FACS, *San Francisco, CA*

The objective of this course is to introduce the practicing surgeon to office-based ultrasound examination of the thyroid and parathyroid glands and related pathology. The distinction of normal from malignant

lymphadenopathy is emphasized with a demonstration of the comprehensive examination of lymph node basins in cervical zones I-VI. The process of ultrasound guided FNA of thyroid nodules and enlarged lymph nodes are demonstrated in didactic lecture format. In addition, skills sessions allow the surgeon to learn varied techniques of FNA of lesions in phantom models. Patient volunteers with thyroid and parathyroid pathology and lymphadenopathy will allow supervised hands-on experience with transverse and longitudinal ultrasound methods. Attendees will be instructed in the practical details and hurdles in developing office-based ultrasound.

Session I

Monday, 9:45 am - 1:15 pm

MODERATORS:

Robert A. Sofferman, MD, FACS, *Burlington, VT*
 Lisa A. Orloff, MD, FACS, *San Francisco, CA*

Physics and Principals of Ultrasound

Lawrence T. Kim, MD, FACS, *Little Rock, AR*

Ultrasound Anatomy

Russell B. Smith, MD, FACS, *Omaha, NE*

Interventional Ultrasound

Lisa A. Orloff, MD, FACS, *San Francisco, CA*

Interpretation of Ultrasound

Robert A. Sofferman, MD, FACS, *Burlington, VT*

Ultrasound of Zone 5

Kresimira M. Milas, MD, FACS, *Cleveland, OH*

Session II

Monday, 1:15 - 5:15 pm

MODERATORS:

Robert A. Sofferman, MD, FACS, *Burlington, VT*
 Lisa A. Orloff, MD, FACS, *San Francisco, CA*

Hands-on Skills Station Instructors:

Anil T. Ahuja, MD, *Hong Kong, SAR*
 Lawrence T. Kim, MD, FACS, *Little Rock, AR*
 Kresimira M. Milas, MD, FACS, *Cleveland, OH*
 Barbora S. Miller, MD, FACS, *Ann Arbor, MI*
 Jamie C. Mitchell, MD, FACS, *Cleveland, OH*
 Lisa A. Orloff, MD, FACS, *San Francisco, CA*
 Russell B. Smith, MD, FACS, *Omaha, NE*
 Robert A. Sofferman, MD, FACS, *Burlington, VT*

Sponsored by the National Ultrasound Faculty

SC06 | Advanced Colonoscopy: Polypectomy and Beyond

TRACKS: CRS, GEN

4 credits, Verification Level II

2 sessions: Monday, October 1; 1:00 - 5:15 pm

Session 1 Location: W 184D

Session 2 Location: W 183BC

CHAIR: Peter W. Marcello, MD, FACS, FASCRS, *Burlington, MA*

CO-CHAIR: Toyooki Sonoda, MD, FACS, *New York, NY*

This skills course is open to surgeons with basic colonoscopy skills who wish to learn saline lift polypectomy, deployment of clips to close defects, tattoo marking, endoscopic submucosal dissection, and stenting of obstructing lesions. The course will include a one-hour didactic session and three hours of hands-on laboratory work. Registrants will be asked to complete a short survey to assess their skills and interests.

Completion of a pre-and posttest is required for Verification Level II courses.

Session I

Monday, 1:00 - 2:20 pm

MODERATORS:

Peter W. Marcello, MD, FACS, FASCRS, *Burlington, MA*
Toyooki Sonoda, MD, FACS, *New York, NY*

Introduction

Peter W. Marcello, MD, FACS, FASCRS, *Burlington, MA*

Laparoscopic and Endoscopic Removal of Polyps

Toyooki Sonoda, MD, FACS, *New York, NY*

Endoscopic Submucosal Dissection

Peter W. Marcello, MD, FACS, FASCRS, *Burlington, MA*

Large Flat Polyps—Other Options

Richard L. Whelan, MD, FACS, *New York, NY*

Stenting of Colorectal Strictures

Maher A. Abbas, MD, FACS, FASCRS, *Los Angeles, CA*

Endoscopic Management of Anastomotic Leak

Jeffrey M. Marks, MD, FACS, *Cleveland, OH*

Session II

Monday, 2:20 - 5:15 pm

MODERATORS:

Peter W. Marcello, MD, FACS, FASCRS, *Burlington, MA*
Toyooki Sonoda, MD, FACS, *New York, NY*

Hands-on Skills Station Instructors:

Maher A. Abbas, MD, FACS, FASCRS, *Los Angeles, CA*
Brian J. Dunkin, MD, FACS, *Houston, TX*
Conor P. Delaney, MCh, PhD, FACS, FASCRS, *Cleveland, OH*
Sang W. Lee, MD, FACS, *New York, NY*
Jeffrey M. Marks, MD, FACS, *Cleveland, OH*
Charles B. Whitlow, MD, FACS, *New Orleans, LA*
Richard L. Whelan, MD, FACS, *New York, NY*

Sponsored by the Advisory Council for Colon and Rectal Surgery

SC07 | Fundamentals of Telemedicine for Surgeons

TRACKS: GEN, INFO

4 credits, Verification Level I

1 session: Monday, October 1; 1:15 - 5:30 pm

Location: W 184BC

CHAIR: Andrew R. Watson, MD, FACS, *Pittsburgh, PA*

CO-CHAIR: Rifat Latifi, MD, FACS, *Tucson, AZ*

This session will advance the understanding of telemedicine in surgery through descriptions of specific applications, discussion of building return on investment, and hands-on demonstrations. Didactic sessions will include remote speakers seen via telemedicine equipment. Participants will learn how applied technology, as a natural extension of a surgical practice, can expand business and enable surgeons for the coming generation of virtual patient-centric health care. The first component of the course will build the case for adopting telemedicine, debunk myths about technological hurdles, and answer questions through a remote moderator. The next component will provide hands-on demonstrations of all three forms of telemedicine: live, store and forward, and remote monitoring with on-site technology for participants to use. The last session will be a pragmatic discussion of how to start a new telemedicine practice.

Session

Monday, 1:15 - 5:30 pm

Game Plan and Course Overview

Andrew R. Watson, MD, FACS, *Pittsburgh, PA*
Rifat Latifi, MD, FACS, *Tucson, AZ*

Introduction to the ATA/Power and Future of Telemedicine

Jonathan Linkous, *Washington, DC*

OTN Model/Outcomes and Scalability

Edward Brown, MD, *Toronto, ON*

Overseas/Prison Work

Ronald C. Merrel, MD, FACS, *Richmond, VA*

Hands-on Skills Station Instructors:

Scott Haas, MD, *Pittsburgh, PA*
Forrest O'Dell Moore, MD, FACS, *Phoenix, AZ*
Carl H. Snyderman, MD, FACS, *Pittsburgh, PA*
James C. Rosser, MD, FACS, *Atlanta, GA*

Sponsored by the Committee on Informatics

SC09 | Laparoscopic Colectomy Skills Course

TRACKS: CRS, GEN

SC09A, Lectures Only: 4 credits, Verification Level II

1 session: Tuesday, October 2; 8:15 am - 12:55 pm

Location: W 180

SC09B, Lecture and Hands-on Workshop: 8 credits, Verification Level II

2 sessions: Tuesday, October 2: 12:55 - 5:45 pm

Session I Location: W 180

Session II Location: The Northwestern Center for Advanced Surgical Education (N-CASE)

CHAIR: Howard M. Ross, MD, FACS, FASCRS, *Red Bank, NJ*

CO-CHAIR: Bradley R. Davis, MD, FACS, FASCRS, *Cincinnati, OH*

In the last decade, an increasing number of colorectal resections are performed laparoscopically. For practicing surgeons, the adoption of laparoscopic colorectal surgery provides challenges with respect to acquisition of skills and the steep learning curve. This course provides a didactic session and hands-on cadaver lab for exposure to the skills to perform laparoscopic colorectal surgery, including technical skills, indications, complications, and special considerations. In addition, a portion of the hands-on lab will be devoted to TAMIS (Transanal Minimally Invasive Surgery).

Session I

Tuesday, 8:15 am - 12:55 pm

MODERATORS:

Howard M. Ross, MD, FACS, FASCRS, *Red Bank, NJ*
Bradley R. Davis, MD, FACS, FASCRS, *Cincinnati, OH*

Introduction

Howard M. Ross, MD, FACS, FASCRS, *Red Bank, NJ*

Setup and Instrumentation

David J. Maron, MD, FACS, *Weston, FL*

Completely Laparoscopic Right Colon Resection

Matthew G. Mutch, MD, FACS, *St. Louis, MO*

Hand-Assisted Laparoscopic Right Colon Resection

Matthew F. Kalady, MD, FACS, FASCRS, *Cleveland, OH*

Transverse Colectomy and the Middle Colic Artery

David E. Rivadeneira, MD, FACS, FASCRS, *Smithtown, NY*

Hand-Assisted Lap Sigmoid Colectomy

Jeffrey L. Cohen, MD, FACS, *Hartford, CT*

Completely Laparoscopic Sigmoid Colectomy

Bradley R. Davis, MD, FACS, *Cincinnati, OH*

Flexure Mobilization

Scott R. Steele, MD, FACS, FASCRS, *Fort Lewis, WA*

Laparoscopic Proctectomy

Martin R. Weiser, MD, FACS, *New York, NY*

How to Prevent and Manage Complications and Complicated Disease

Peter W. Marcello, MD, FACS, FASCRS, *Burlington, MA*

Trans-anal Minimally Invasive Surgery

Matthew R. Albert, MD, FACS, FASCRS, *Altamonte Springs, FL*

Trans-vaginal and Trans-anal Extraction, Intra-corporal Anastomosis

Morris E. Franklin, MD, FACS, *San Antonio, TX*

Combined Endoscopic and Laparoscopic Polypectomy

Sang W. Lee, MD, FACS, *New York, NY*

Robotic Proctectomy

Alessio Pigazzi, MD, PhD, FACS, *Orange, CA*

Session II

Tuesday, 12:55 - 5:45 pm

MODERATORS:

Howard M. Ross, MD, FACS, FASCRS, *Red Bank, NJ*
Bradley R. Davis, MD, FACS, FASCRS, *Cincinnati, OH*

Hands-on Skills Station Instructors:

Robin P. Boushey, MD, PhD, CIP, FRCSC, *Ottawa, ON*

Daniel L. Feingold, MD, FACS, *New York, NY*

Todd D. Francone, MD, *Rochester, NY*

Kelly A. Garrett, MD, FACS, *New York, NY*

Jason F. Hall, MD, MPH, FACS, *Burlington, MA*

Alan Joseph Herline, MD, FACS, *Nashville, TN*

Ian M. Paquette, MD, *Cincinnati, OH*

Anna Serur, MD, FACS, *Englewood, NJ*

Toyooki Sonoda, MD, FACS, *New York, NY*

Laurence F. Yee, MD, FACS, FASCRS, *San Francisco, CA*

Sponsored by the Advisory Council for Colon and Rectal Surgery and the Committee on Emerging Surgical Technology and Education

SC10 | Advanced Hepatopancreaticobiliary (HPB) Ultrasound

TRACK: GEN

7.5 credits, Verification Level II

2 sessions: Tuesday, October 2; 8:00 am - 5:00 pm

Session I Location: W 184A

Session II Workshop Location: W 183A

CHAIR: Ellen J. Hagopian, MD, FACS, *Neptune, NJ*

CO-CHAIR: Junji Machi, MD, PhD, FACS, *Honolulu, HI*

Session I

Tuesday, 8:00 am - 12:00 pm

MODERATORS: Ellen J. Hagopian, MD, FACS, *Neptune, NJ*

Junji Machi, MD, PhD, FACS, *Honolulu, HI*

Welcome and Introduction

Ellen J. Hagopian, MD, FACS, *Neptune, NJ*

Importance of Ultrasound in HPB Surgery

Ellen J. Hagopian, MD, FACS, *Neptune, NJ*

Principles and Instrumentation

Beth A. Schrope, MD, FACS, *New York, NY*

Normal Liver Ultrasound Anatomy

Reid B. Adams, MD, FACS, *Charlottesville, VA*

Normal Pancreatobiliary Ultrasound Anatomy

W. Scott Helton, MD, FACS, *Seattle, WA*

Pathological Ultrasound Findings in HPB Diseases

Gary R. Gecelter, MD, FACS, FACG, *Manhasset, NY*

Ultrasound Scanning Methods and Techniques

John B. Martinie, MD, FACS, *Charlotte, NC*

Techniques in Ultrasound Guidance

Jose M. Velasco, MD, FACS, *Skokie, IL*

Principles of Tumor Ablation

Paul D. Hansen, MD, FACS, *Portland, OR*

3D Targeting / Liver Navigation

David A. Iannitti, MD, FACS, *Charlotte, NC*

Introduction to the Hands-on Session

Ellen J. Hagopian, MD, FACS, *Neptune, NJ***Session II**

Tuesday, 1:00 - 5:00 pm

MODERATORS: Ellen J. Hagopian, MD, FACS, *Neptune, NJ*Junji Machi, MD, PhD, FACS, *Honolulu, HI*

Hands-on Skills Station Instructors:

Reid B. Adams, MD, FACS, *Charlottesville, VA*Eren Berber, MD, FACS, *Cleveland, OH*Gary R. Gecelter, MD, FACS, FACS, *Manhasset, NY*Paul D. Hansen, MD, FACS, *Portland, OR*W. Scott Helton, MD, FACS, *Seattle, WA*David A. Iannitti, MD, FACS, *Charlotte, NC*John B. Martinie, MD, FACS, *Charlotte, NC*Michael J. Mennack, MD, *Freehold, NJ*Beth A. Schrope, MD, FACS, *New York, NY*Jose M. Velasco, MD, FACS, *Skokie, IL**Sponsored by the National Ultrasound Faculty***SC11 | Advanced Leadership Skills**

TRACK: EDU

4 credits, Verification Level I

2 sessions: Tuesday, October 2; 12:30 - 4:45 pm

*Location: W 184D*CHAIR: Bruce L. Gewertz, MD, FACS, *Los Angeles, CA*CO-CHAIR: Julie A. Freischlag, MD, FACS, *Baltimore, MD*

This interactive, case-based course will be designed for mid-career or later surgeons with major administrative responsibilities, and will be based on the American College of Surgeons (ACS) course "Surgeons as Leaders: From Operating Room to Boardroom."

The goals will be to: 1) provide a conceptual framework for addressing the challenges faced by surgeons as they are provided with broader institutional leadership roles; and 2) familiarize them with the wide range of tactical approaches. Key leadership challenges will be addressed, such as maintaining personal and professional balance, ensuring consistency in mission and actions, and effecting sustainable change. Small groups of six to eight participants will develop approaches to problems posed in realistic scenarios. Groups then will present their action plans and discuss them with the other attendees and the faculty panel.

Session I: Advanced Leadership Skills

Tuesday, 12:30 - 2:05 pm

MODERATOR: Bruce L. Gewertz, MD, FACS, *Los Angeles, CA*

Introduction

Bruce L. Gewertz, MD, FACS, *Los Angeles, CA*

Understanding Yourself: Personal and Professional Balance

Layton F. Rikkers, MD, FACS, *Madison, WI*

Understanding Others: Forming and Leading Effective Groups

Bruce L. Gewertz, MD, FACS, *Los Angeles, CA*

Making a Difference: Effecting Cultural Change

Julie A. Freischlag, MD, FACS, *Baltimore, MD*

When Things Don't Work: Recognizing and Resolving Conflict

Catherine J. Morrison, JD, *Baltimore, MD*

Interactive Discussion

Julie A. Freischlag, MD, FACS, *Baltimore, MD*Bruce L. Gewertz, MD, FACS, *Los Angeles, CA*Catherine J. Morrison, JD, *Baltimore, MD*Layton F. Rikkers, MD, FACS, *Madison, WI***Session II: Small Groups**

Tuesday, 2:20 - 4:45 pm

MODERATOR: Julie A. Freischlag, MD, FACS, *Baltimore, MD*

Introduction

Julie A. Freischlag, MD, FACS, *Baltimore, MD*

Interactive Discussion of Leadership Scenarios

Julie A. Freischlag, MD, FACS, *Baltimore, MD*

Group Reports/Panel Discussion

Julie A. Freischlag, MD, FACS, *Baltimore, MD*Bruce L. Gewertz, MD, FACS, *Los Angeles, CA*Catherine J. Morrison, JD, *Baltimore, MD*Layton F. Rikkers, MD, FACS, *Madison, WI**Sponsored by the Division of Education***SC12 | Robotic Pelvic Surgery**

TRACKS: EDU, OBG, URO

SC12A, Lectures Only: 4 credits, Verification Level II

1 session: Wednesday, October 3; 8:00 am - 12:15 pm

Location: W 184D

SC12B, Lecture and Hands-on Workshop: 8 credits

2 sessions: Wednesday, October 3; 8:00 am - 5:30 pm

*Location: University of Illinois at Chicago*CHAIR: Pier Cristoforo Giulianotti, MD, FACS, *Chicago, IL*CO-CHAIR: Ronney Abaza, MD, FACS, *Columbus, OH*

This course will introduce surgeons interested in incorporating robotics into their practices to considerations involved in robotic pelvic surgery. This will be of interest to general surgeons and colorectal surgeons who do or would like to perform left and distal colon procedures, as well as gynecologists and urologists interested in understanding the other complexities involved with pelvic surgery. Issues encountered in early implementation, tips for successful adoption, and a hands-on component reviewing basic skills for robotic pelvic surgery will be discussed and instructed with animal and/or cadaveric models. Skills common to pelvic procedures across disciplines such as hysterectomy, rectal, bladder, prostate, and reconstructive pelvic procedures will be discussed along with relevant anatomy. Patient positioning, port placement, robot docking, exposure, and retraction for robotic pelvic procedures will be reviewed in de-

tail. Specific models will be reviewed as rectal cancer resections, prostatectomies, and hysterectomies. The lesson learnt from specific experiences will be shared and common problems discussed (retraction in the difficult pelvis, lateral lymphadenectomies, and control of bleeding).

Session I

Wednesday, 8:00 am - 12:15 pm

MODERATORS:

Pier Cristoforo Giulianotti, MD, FACS, *Chicago, IL*
Ronney Abaza, MD, FACS, *Columbus, OH*

Reminds of Pelvic Anatomy

Herand Abcarian, MD, FACS, *Chicago, IL*

Basic Concepts of Robotics in the Pelvic Surgery

Pier C. Giulianotti, MD, FACS, *Chicago, IL*

Rectal Resections

Alessio Pigazzi, MD, PhD, FACS, *Orange, CA*

Radical Prostatectomies

Ronney Abaza, MD, FACS, *Columbus, OH*

Radical Hysterectomies

Floor Backes, MD, *Columbus, OH*

Proctopexy

Laurent Bresler, *Nancy, France*

Pelvic Extended Urological Resections

Ronney Abaza, MD, FACS, *Columbus, OH*

Lateral Lymphendectomies

Gyu Seog Choi, *Seoul, Korea*

Re-do Rectal Surgery

Slawomir J. Marecik, MD, *Park Ridge, IL*

Complex Cases in the Pelvis

Eduardo Parra-Davila, MD, FACS, *Celebration, FL*

Nerve-Sparing and New Imaging Modalities

Giuseppe Spinoglio, *Alessandria, Italy*

Session II

Wednesday, 12:15 pm - 5:30 pm

MODERATORS: Pier C. Giulianotti, MD, FACS, *Chicago, IL*
Ronney Abaza, MD, FACS, *Columbus, OH*

Hands-on Skills Station Instructors:

Gyu Seog Choi, MD, PhD, *Taegu, Korea*
Slawomir J. Marecik, MD, FACS, *Chicago, IL*
Eduardo Parra-Davila, MD, FACS, *Celebration, FL*
Francesco Bianco, MD, *Chicago, IL*
Mario Masrur, MD, *Chicago, IL*
Gianmarco Contino, MD, *Chicago, IL*
Floor Backes, MD, *Columbus, OH*

Sponsored by the Advisory Council for Urology and Committee on Emerging Surgical Technology and Education

SC13 | Basic Breast Ultrasound

TRACKS: EDU, GEN

7.5 credits, Verification Level II

2 sessions: Wednesday, October 3; 8:30 am - 5:30 pm

Session I Location: W 184A

Session II Location: W 183A

CHAIR: Darius S. Francescatti, MD, FACS, *Chicago, IL*

CO-CHAIR: Edward J. Donahue, MD, FACS, *Phoenix, AZ*

The objective of this course is to introduce the practicing general surgeon to a focused module in diagnostic and interventional breast ultrasound. The program will consist of lectures and hands-on skill stations using a variety of ultrasound equipment. Live models and breast ultrasound phantoms will be used to develop skills in breast ultrasound imaging and ultrasound-guided breast biopsy.

Session I

Wednesday, 8:30 am - 11:35 am

MODERATORS:

Darius S. Francescatti, MD, FACS, *Chicago, IL*
Edward J. Donahue, MD, FACS, *Phoenix, AZ*

Physics of Breast Ultrasound

Richard E. Fine, MD, FACS, *Memphis, TN*

Normal Breast Ultrasound Anatomy

Darius S. Francescatti, MD, FACS, *Chicago, IL*

Abnormal Breast Ultrasound Findings

Edward J. Donahue, MD, FACS, *Phoenix, AZ*

Interventional Breast Ultrasound Techniques

Sara J. Fredrickson, MD, FACS, *Bloomington, IL*

Session II

Wednesday, 12:35 pm - 5:30 pm

MODERATORS:

Darius S. Francescatti, MD, FACS, *Chicago, IL*
Edward J. Donahue, MD, FACS, *Phoenix, AZ*

Hands-on Skills Station Instructors:

Richard E. Fine, MD, FACS, *Marietta, GA*
Sara J. Fredrickson, MD, FACS, *Bloomington, IL*
Michael R. Kinney, MD, FACS, *Arlington Heights, IL*

Sponsored by the National Ultrasound Faculty

PG14 | Management of Diabetic Lower Extremities

TRACKS: GEN, PLA, VAS

6 credits, Verification Level I

4 sessions: Saturday, September 29; 9:00 am - 4:30 pm

Location: W 181

CHAIR: Lawrence B. Colen, MD, FACS, *Norfolk, VA*

CO-CHAIR: Christopher E. Attinger, MD, FACS, *Washington, DC*

This course will focus on the comprehensive management of the diabetic lower extremity and will include the current status of wound management, vascular surgical intervention, plastic surgical approaches, and both orthopedic and podiatric management of foot deformities. Emphasis will focus on this multidisciplinary approach and will be evidenced-based.

Session I

Saturday, 9:00 - 10:40 am

MODERATOR: Lawrence B. Colen, MD, FACS, *Norfolk, VA*The Diabetic Foot Ulcer: Etiology and Demographics
Lawrence A. Lavery, DPM, MPH, *Dallas, TX*

Vascular Disease in the Diabetic Limb: What Is Unique?

Gary William Gibbons, MD, FACS, *Weymouth, MA*

Optimizing Revascularization in the Diabetic Limb: Bypass vs. Endovascular or Both?

Cameron M. Akbari, MD, FACS, *Washington, DC*

Reimbursement for Diabetic Limb Salvage in the New Health Care Environment: Will It Affect Our Options?

William J. Ennis, DO, FACS, *Chicago, IL*

What is the Role of Nerve Surgery in Patients with Diabetic Peripheral Neuropathy?

Ivica Ducic, MD, PhD, *Washington, DC***Session II**

Saturday, 10:55 am - 12:15 pm

MODERATOR:

Christopher E. Attinger, MD, FACS, *Washington, DC*

How Do Biomechanical Abnormalities Lead to Diabetic Foot Ulceration: The Role of Offloading

Lawrence A. Lavery, DPM, MPH, *Dallas, TX*

How and Why Should One Surgically Correct Biomechanical Diabetic Foot Abnormalities?

John S. Steinberg, DPM, FACFAS, *Washington, DC*

Case Panel: Neuropathy, Vascular Disease, and Biomechanics

Christopher E. Attinger, MD, FACS, *Washington, DC*Lawrence B. Colen, MD, FACS, *Norfolk, VA***Session III**

Saturday, 1:15 - 2:35 pm

MODERATOR:

Lawrence B. Colen, MD, FACS, *Norfolk, VA*Charcot Arthropathy: Medical vs. Surgical Management
Michael S. Pinzur, MD, FAAOS, *Maywood, IL*Managing Infection and Biofilm in the Diabetic Foot
Randall D. Wolcott, MD, CWS, *Lubbock, TX*Diabetic Wound Debridement and Bed Preparation
Christopher E. Attinger, MD, FACS, *Washington, DC*

Wound Healing Adjuncts: Topicals, Biologics, and Dressings

Karen F. Kim Evans, MD, FACS, *Washington, DC***Session IV**

Saturday, 2:50 - 4:30 pm

MODERATOR:

Christopher E. Attinger, MD, FACS, *Washington, DC*Wound Closure Options in the Diabetic Foot
Lawrence B. Colen, MD, FACS, *Norfolk, VA*

Amputations: When and Where

Michael S. Pinzur, MD, FAAOS, *Maywood, IL*

How to Set Up a Team Approach to Diabetic Limb Salvage

John S. Steinberg, DPM, FACFAS, *Washington, DC*

Multidisciplinary Panel: Problem Cases

Christopher E. Attinger, MD, FACS, *Washington, DC*Lawrence B. Colen, MD, FACS, *Norfolk, VA**Sponsored by the Advisory Council for Vascular Surgery and the Advisory Council for Plastic and Maxillofacial Surgery***PG15 | Challenging Surgical Emergencies: What to Do in the Middle of the Night**

TRACKS: GEN, TRA

6 credits, Verification Level I

3 sessions: Saturday, September 29; 9:30 am - 5:00 pm

Location: W 185

CHAIR: Grace S. Rozycki, MD, FACS, *Atlanta, GA*CO-CHAIR: Joseph B. Cofer, MD, FACS, *Chattanooga, TN*

This course will describe emergency nontraumatic surgical conditions that require a prompt intervention. Guidelines for management in the most difficult settings (for example, night, limited resources, and little help) will be discussed. Some of the issues to be examined include the following: massive lower gastrointestinal bleeding, complex diverticulitis, abdominal compartment syndrome in the intensive care unit patient, volvulus, acute mesenteric ischemia, clostridium difficile colitis, necrotizing soft tissue infections, draining pus, and the role of on-call dedicated surgical teams for surgical emergencies.

Session I

Saturday, 9:30 - 11:30 am

MODERATORS: Joseph B. Cofer, MD, FACS, *Chattanooga, TN*
Grace S. Rozycki, MD, FACS, *Atlanta, GA*

Introduction

Joseph B. Cofer, MD, FACS, *Chattanooga, TN*Grace S. Rozycki, MD, FACS, *Atlanta, GA*

Clostridium Difficile Colitis

Brian S. Zuckerbraun, MD, FACS, *Pittsburgh, PA*

Gangrenous Cholecystitis

Keith D. Lillemoe, MD, FACS, *Boston, MA*

Acute Abdominal Compartment Syndrome

Amy N. Hildreth, MD, FACS, *Winston-Salem, NC*

Panel

Amy N. Hildreth, MD, FACS, *Winston-Salem, NC*Keith D. Lillemoe, MD, FACS, *Boston, MA*Brian S. Zuckerbraun, MD, FACS, *Pittsburgh, PA***Session II**

Saturday, 12:30 - 2:30 pm

MODERATORS: Grace S. Rozycki, MD, FACS, *Atlanta, GA*
Joseph B. Cofer, MD, FACS, *Chattanooga, TN*

Colonic/Gastric Volvulus

Robert A. Maxwell, MD, FACS, *Chattanooga, TN*

Acute Mesenteric Ischemia

Ravi Rajani, MD, *Atlanta, GA*

Necrotizing Soft Tissue Infections

Benjamin W. Dart IV, MD, FACS, *Chattanooga, TN*

Panel

Benjamin W. Dart IV, MD, FACS, *Chattanooga, TN*Robert A. Maxwell, MD, FACS, *Chattanooga, TN*Ravi Rajani, MD, *Atlanta, GA***Session III**

Saturday, 3:00 - 5:00 pm

MODERATORS: Grace S. Rozycki, MD, FACS, *Atlanta, GA*Joseph B. Cofer, MD, FACS, *Chattanooga, TN*

Beorhaave's: Tackling the Perforated Esophagus

Matthew J. Wall, Jr., MD, FACS, *Houston, TX*

Massive Bleeding from Gastric and Duodenal Ulcers

David V. Feliciano, MD, FACS, *Atlanta, GA*

Necrotizing Pancreatitis

Katherine A. Morgan, MD, FACS, *Charleston, SC*

Panel

David V. Feliciano, MD, FACS, *Atlanta, GA*Katherine A. Morgan, MD, FACS, *Charleston, SC*Matthew J. Wall, Jr., MD, FACS, *Houston, TX**Sponsored by the Advisory Council for General Surgery and the Program Committee***PG16 | Seven Keys to Coding SUCCESS for Surgeons (Basic)**

TRACK: HP

6 credits, Verification Level I

7 sessions: Saturday, September 29; 10:00 am - 5:30 pm

*Location: W 184D*CHAIR: Albert Bothe, Jr., MD, FACS, *Danville, PA*CO-CHAIR: Pamela A. Howard, MD, FACS, MBA, *North Tustin, CA*

This course is an introduction to the rules and categories of evaluation and management (E/M) coding. This course focuses on how to identify and code the appropriate level of service, billing, and collections to increase net revenue in the practice, detecting and decreasing compliance risk by analyzing your coding data and comparing it with national norms, accurately documenting for medical necessity, and choosing the right ICD-9 codes.

MODERATORS:

Albert Bothe, Jr., MD, FACS, *Danville, PA*Pamela A. Howard, MD, FACS, *North Tustin, CA*INSTRUCTOR: Betsy Nicoletti, CPC, *Springfield, VT***Session I: Select the Correct Category of Code**

Saturday, 10:00 - 11:45 am

Evaluation and Management Services

Global Period

Evaluation and Management Modifiers

Session II: Use CPT Codes, HCPCS Codes, Modifiers and ICD-9 Codes That Describe the Service and Circumstances

Saturday, 12:00 noon - 1:15 pm

Selecting a Current Procedural Terminology Code

Editorial Comments

Healthcare Common Procedure Coding System Codes

Medicare Fee Schedule

Diagnosis Coding

Session III: Code Compliantly

Saturday, 1:15 - 1:45 pm

Data Analysis

Office of Inspector General, Recovery Audit

Contractor Activities

Compliance

Session IV: Carrots and Sticks—CMS Incentive Program and Updates

Saturday, 2:45 - 3:00 pm

Centers for Medicare & Medicaid Services (CMS)

Updates

Electronic Medical Record Incentives

E-Prescribing

Physician Quality Reporting System

Session V: Evaluate Use of Non-physician Practitioners in a Surgical Practice

Saturday; 3:30 - 4:15 pm

Role of NPPs in a Practice

Doing an Economic Analysis

Medicare Billing Rules

Session VI: Supercharge Billing and Collections

Saturday; 4:30 - 5:15 pm

Registration, Eligibility, Benefits Verification

Collections, Denials, Account Follow-Up

Session VII: Save 30 Minutes per Day

Saturday; 5:15 - 5:30 pm

Streamline Work Processes

Phone Call Management

Schedule Management

Sponsored by the General Surgery Coding and Reimbursement Committee

PG17 | Surgical Critical Care Board Review

TRACKS: GEN, TRA

7 credits, Verification Level II

4 sessions: Sunday, September 30; 8:00 am - 4:30 pm

Location: W 185

CHAIR: Heidi L. Frankel, MD, FACS, *Baltimore, MD*

CO-CHAIR: Hasan B. Alam, MD, FACS, *Boston, MA*

Full day session covering all aspects of surgical critical care. Emphasis on recent advances in resuscitation and ventilation strategies as well as nosocomial infection strategies will be reviewed. The session is aimed at those preparing for American Board of Surgery certification or re-certification in surgical critical care.

Session I

Sunday; 8:00 - 10:00 am

MODERATORS: Heidi L. Frankel, MD, FACS, *Baltimore, MD*
Hasan B. Alam, MD, FACS, *Boston, MA*

Introduction and Welcome

Heidi L. Frankel, MD, FACS, *Baltimore, MD*

Hasan B. Alam, MD, FACS, *Boston, MA*

Pulmonary: ARDS and Ventilators

Lena M. Napolitano, MD, FACS, FCCP, FCCM,
Ann Arbor, MI

Pauline Kyonsook Park, MD, FACS, *Ann Arbor, MI*

Pulmonary: Physiology, VAP, DVT, PE

Forrest O'dell Moore, MD, FACS, *Phoenix, AZ*

Christopher P. Michetti, MD, FACS, *Falls Church, VA*

CV: Shock, Monitoring

Paula A. Ferrada, MD, *Richmond, VA*

Matthew A. Bank, MD, FACS, *Manhasset, NY*

Session II

Sunday, 10:15 am - 12:00 pm

MODERATORS: Heidi L. Frankel, MD, FACS, *Baltimore, MD*
Hasan B. Alam, MD, FACS, *Boston, MA*

Cardio Vascular: Arrhythmias

Sarah B. Murthi, MD, FACS, *Baltimore, MD*

John T. Promes, MD, FACS, *Orlando, FL*

Hematology

Terence O'Keeffe, MBChB, MSPH, FACS, *Tucson, AZ*

Bryan A. Cotton, MD, MPH, FACS, *Houston, TX*

Administration: Ethics, Scoring, Stats, Pharmacology, and Organ Donation

Christine C. Toevs, MD, FACS, *Pittsburgh, PA*

Ali Salim, MD, FACS, *Los Angeles, CA*

Session III

Sunday, 1:00 - 2:45 pm

MODERATORS: Heidi L. Frankel, MD, FACS, *Baltimore, MD*
Hasan B. Alam, MD, FACS, *Boston, MA*

Infection Control/Transplant

Craig M. Coopersmith, MD, FACS, *Atlanta, GA*

Shea C. Gregg, MD, FACS, *Providence, RI*

Infectious Disease

Elliot R. Haut, MD, FACS, *Baltimore, MD*

Douglas J. E. Schuerer, MD, FACS, *St. Louis, MO*

Renal/Fluids/Electrolytes

Lewis J. Kaplan, MD, FACS, FCCM, FCCP,
New Haven, CT

Oscar D. Guillamondegui, MD, MPH, FACS,
Nashville, TN

Session IV

Sunday, 3:00 - 4:30 pm

MODERATORS: Heidi L. Frankel, MD, FACS, *Baltimore, MD*
Hasan B. Alam, MD, FACS, *Boston, MA*

GI/Nutrition

Heather L. Evans, MD, FACS, *Seattle, WA*

Neurological Disease/Trauma/Burns

Deborah M. Stein, MD, MPH, FACS, FCCM,
Baltimore, MD

Kenji Inaba, MD, FACS, FRCS, *Los Angeles, CA*

Pediatric Surgery/Obstetric-Gynecologic Disease

Miren A. Schinco, MD, FACS, FCCM, *Jacksonville, FL*

Karyn Leigh Butler, MD, FACS, FCCM, *Hartford, CT*

Sponsored by the Program Committee and the Committee on Trauma

PG18 | Successful Surgical Coding and Compliance (Advanced)

TRACK: HP

6 credits, Verification Level I

4 sessions: Sunday, September 30; 9:30 am - 5:00 pm

Location: W 184D

CHAIR: Chad A. Rubin, MD, FACS, *Columbia, SC*

CO-CHAIR: Mark T. Savarise, MD, FACS, *Sandpoint, ID*

This course is for those who have already taken the basic course, Seven Keys to Coding Success for Surgeons (Basic). This course focuses on the coding process of Current Procedural Terminology (CPT) code selection, diagnosis code linkage, modifier application, and effective appeals. This course will also focus on the surgical coding changes to skin replacement surgery, abdominal paracentesis, endovascular, AV shunt, bone marrow harvest, and lymphadenectomy codes and guidelines. In addition, surgical case coding highlights will include colorectal, breast, thyroid surgery, laparoscopic, herniorrhaphy, and other surgical procedures.

MODERATORS: Chad A. Rubin, MD, FACS, *Columbia, SC*

Mark T. Savarise, MD, FACS, *Sandpoint, ID*

INSTRUCTOR: Mary LeGrand, RN, MA, CCS-P, CPC,
St. Louis, MO

Session I: Coding and Compliance

Sunday, 9:30 - 11:30 am

What Is a Modifier?

Protecting E&M Services from Global Surgical Package

Global Surgical Package: Services Performed during the Global Period

Surgeon Role and Complexity Modifiers

Same-Day Surgical Procedure Modifiers

Session II: Coding and Compliance Continued

Sunday, 11:45 am - 1:00 pm

2012 Code Updates

Integumentary System Update

Session III: Surgical Case Coding and Modifiers

Sunday, 2:00 - 3:00 pm

Breast Coding Overview

Session IV: Surgical Case Coding and Modifiers Continued

Sunday, 3:15 - 5:00 pm

Colorectal Coding Update 2012

Colonoscopy Coding

Hernia Surgery

Thyroid/Parathyroid Surgery and Lymphadenectomy Overview

Resources

*Sponsored by the General Surgery Coding and Reimbursement Committee***PG19 | Benign Anorectal Disease**

TRACKS: CRS, GEN

6 credits, Verification Level I

4 sessions: Monday, October 1; 9:45 am - 5:15 pm

Location: W 181

CHAIR: W. Donald Buie, MD, FACS, FRCSC, *Calgary, AB*CO-CHAIR: Kirsten B. Wilkins, MD, FACS, FASCRS, *Edison, NJ*

This course will cover the management and treatment of benign anorectal disease, including fistulas, fissures, hemorrhoids, pilonidal disease, and other anorectal conditions. While the focus will be on benign disease, the evolving evaluation and treatment of HPV-related disease, including condyloma and anal intraepithelial neoplasia, will also be discussed.

Session I: Hemorrhoids, Fissure, Proctitis

Monday, 9:45 - 11:15 am

MODERATOR: W. Donald Buie, MD, FACS, FRCSC, *Calgary, AB*

Hemorrhoids

Marcus J. Burnstein, MD, MSc, FRCSC, *Toronto, ON*

Fissure in Ano

Daniel O. Herzig, MD, FACS, *Portland, OR*

Proctitis (Non IBD)

Kirsten B. Wilkins, MD, FACS, FASCRS, *Edison, NJ*

Panel Case Discussions

Marcus J. Burnstein, MD, MSc, FRCSC, *Toronto, ON*Daniel O. Herzig, MD, FACS, *Portland, OR*Kirsten B. Wilkins, MD, FACS, FASCRS, *Edison, NJ***Session II: Fistulizing Disease**

Monday, 11:30 am - 1:00 pm

MODERATOR: Kirsten B. Wilkins, MD, FACS, FASCRS, *Edison, NJ*

Perianal Abscess and Fistula

Daniel L. Feingold, MD, FACS, *New York, NY*

Rectovaginal/Rectourethral Fistula

Janice F. Rafferty, MD, FACS, FASCRS, *Cincinnati, OH*

Perianal Crohn's Disease

W. Donald Buie, MD, FACS, FRCSC, *Calgary, AB*

Panel Case Discussions

W. Donald Buie, MD, FACS, FRCSC, *Calgary, AB*Daniel L. Feingold, MD, FACS, *New York, NY*Janice F. Rafferty, MD, FACS, FASCRS, *Cincinnati, OH***Session III: Perianal Disease and HPV-Related Conditions**

Monday, 2:00 - 3:30 pm

MODERATOR: Kirsten B. Wilkins, MD, FACS, FASCRS, *Edison, NJ*

Pilonidal Disease

Scott R. Steele, MD, FACS, FASCRS, *Fort Lewis, WA*

Pruritus Ani and Dermatologic Conditions

Anthony R. MacLean, MD, FACS, FRCSC, *Calgary, AB*

HPV and AIN

Stephen E. Goldstone, MD, FACS, *New York, NY*

Panel Case Discussions

Stephen E. Goldstone, MD, FACS, *New York, NY*Anthony R. MacLean, MD, FACS, FRCSC, *Calgary, AB*Scott R. Steele, MD, FACS, FASCRS, *Fort Lewis, WA***Session IV: Fecal Incontinence and Pelvic Floor**

Monday, 3:30 - 3:45 pm

MODERATOR: W. Donald Buie, MD, FACS, FRCSC, *Calgary, AB*

Rectal Prolapse

Madhulika G. Varma, MD, FACS, *San Francisco, CA*

Pelvic Floor Dysfunction

Najjia N. Mahmoud, MD, FACS, FASCRS, *Philadelphia, PA*

Fecal Incontinence

Anders Mellgren, MD, FACS, *Minneapolis, MN*

Panel Case Discussions

Najjia N. Mahmoud, MD, FACS, FASCRS, *Philadelphia, PA*

Anders Mellgren, MD, FACS, *Minneapolis, MN*
 Madhulika G. Varma, MD, FACS, *San Francisco, CA*

Sponsored by the Program Committee and the Advisory Council for Colon and Rectal Surgery

PG20 | General Surgery Review Course

TRACK: GEN

12 credits, Verification Level II

Part I: 4 sessions; Monday, October 1; 10:00 am - 5:30 pm

Location: W 185

Part II: 4 sessions; Tuesday, October 2; 8:00 am - 3:30 pm

Location: W 185

CHAIR: John A. Weigelt, MD, DVM, FACS, *Milwaukee, WI*

VICE-CHAIRS: Robert C. McIntyre, Jr., MD, FACS, *Aurora, CO*
 Eugene F. Foley, MD, FACS, *Madison, WI*

This course will provide a concise review of a majority of the essential content areas in general surgery. The course will help surgeons comply with Maintenance of Certification requirements and help guide their preparation for recertification examinations. A distinguished faculty will use an interactive case-based format that will cover many of the core elements of general surgery as defined by the American Board of Surgery. The course content will be based on a modular system to include: abdomen, gastrointestinal tract, trauma, critical care, breast, endocrine, vascular, perioperative, and general surgical problems in related specialties. Questions will be available for review by participants prior to the course. During the course, an interactive audience response system will be used and following the audience response, the correct answer will be discussed by the faculty. At the conclusion of the course, participants will receive a syllabus with all the questions, answers, supporting discussions, and bibliographies.

Part I

Session I: Abdominal

Monday, 10:00 am - 12:00 pm

MODERATOR: John A. Weigelt, MD, DVM, FACS, *Milwaukee, WI*

Diaphragm and GERD

Matthew I. Goldblatt, MD, FACS, *Milwaukee, WI*

Pancreas

Attila Nakeeb, MD, FACS, *Indianapolis, IN*

Biliary Tract

Sam G. Pappas, MD, FACS, *Milwaukee, WI*

Liver

Charles R. Scoggins, MD, FACS, *Louisville, KY*

Spleen

Jeffrey G. Chipman, MD, FACS, *Minneapolis, MN*

Hernia

Merril T. Dayton, MD, FACS, *Buffalo, NY*

Session II: Alimentary

Monday, 1:00 - 3:00 pm

MODERATOR: Eugene F. Foley, MD, FACS, *Madison, WI*

Esophagus

Scott J. Swanson, MD, FACS, *Boston, MA*

Stomach

Clifford S. Cho, MD, FACS, *Madison, WI*

Small Bowel Disease

Charles P. Heise, MD, FACS, *Madison, WI*

Colorectal Cancer

Christopher R. Mantyh, MD, FACS, FASCRS, *Durham, NC*

Benign Colorectal Disease

Eugene F. Foley, MD, FACS, *Madison, WI*

Benign Anorectal Disease

Eugene F. Foley, MD, FACS, *Madison, WI*

Session III: Breast

Monday, 3:20 - 4:20 pm

MODERATOR: John A. Weigelt, MD, DVM, FACS, *Milwaukee, WI*

Breast Cancer

Judy C. Boughey, MB, BChir, FACS, *Rochester, MN*

Breast Disease: Management and Diagnosis

Frederick M. Dirbas, MD, FACS, *Stanford, CA*

Breast Disease Management

Elisa R. Port, MD, FACS, *New York, NY*

Session IV: Vascular

Monday, 4:30 - 5:30 pm

MODERATOR: John A. Weigelt, MD, DVM, FACS, *Milwaukee, WI*

Peripheral Vascular Disease

Eugene M. Langan, MD, FACS, *Greenville, SC*

Vascular Disease

Adnan Z. Rizvi, MD, FACS, *Minneapolis, MN*

Vascular Disease: Management and Diagnosis

David P. Franklin, MD, FACS, *Danville, PA*

Part II

Session I: Perioperative Care

Tuesday, 8:00 - 10:50 am

MODERATOR: Raminder Nirula, MD, MPH, FACS, *Salt Lake City, UT*

Fluids, Electrolytes and Infection

Randall S. Friese, MD, FACS, FCCM, *Tucson, AZ*

Hemostasis and Coagulation

Jason L. Sperry, MD, MPH, FACS, *Pittsburgh, PA*

Wound Healing and Wound Management

John A. Weigelt, MD, DVM, FACS, *Milwaukee, WI*

Nutrition

Jason L. Sperry, MD, MPH, FACS, *Pittsburgh, PA*

Renal Function

Kenneth Waxman, MD, FACS, *Ventura, CA*

Pharmacology

Raminder Nirula, MD, MPH, FACS, *Salt Lake City, UT*

Perioperative Cardiac EvaluationJason L. Sperry, MD, MPH, FACS, *Pittsburgh, PA***DVT/PE Prophylaxis and Treatment**Randall S. Friese, MD, FACS, FCCM, *Tucson, AZ***Session II: Critical Care**

Tuesday, 11:10 am - 12:20 pm

MODERATOR: Rosemary A. Kozar, MD, FACS, *Houston, TX***Critical Care - Respiratory**Laura J. Moore, MD, FACS, *Houston, TX***Critical Care - Cardiac**Carrie A. Sims, MD, FACS, *Philadelphia, PA***Session III: Trauma**

Tuesday, 1:20 - 2:50 pm

MODERATOR: Robert C. McIntyre, Jr., MD, FACS, *Aurora, CO***Resuscitation, Head, and Neck**Joshua M. Goldberg, MD, *New Orleans, LA***Chest and Abdomen**Michael C. Chang, MD, FACS, *Winston-Salem, NC***Pelvis, Vascular, and Extremity**Christine S. Cocanour, MD, FACS, *Sacramento, CA***Session IV: Endocrine**

Tuesday, 3:00 - 3:30 pm

MODERATOR: Robert C. McIntyre, Jr., MD, FACS, *Aurora, CO***Endocrine**Christopher D. Raeburn, MD, FACS, *Aurora, CO**Sponsored by the Division of Education*

PG21 | High-Risk Breast Cancer Management from A to Z

TRACKS: GEN, ONC

6 credits, Verification Level I

3 sessions: Tuesday, October 2; 9:00 am - 4:30 pm

*Location: W 181*CHAIR: V. Suzanne Klimberg, MD, FACS, *Little Rock, AR*CO-CHAIR: Jon M. Greif, DO, FACS, *Oakland, CA*

This course will cover the identification, evaluation, and management of the high-risk breast patient. In doing so, we will review standard risk assessment tools that are suitable for the surgical clinic. We will also discuss indications for genetic counseling and testing. The radiographic management will be discussed with the goal of developing an appropriate high-risk screening schedule. Additionally, we will discuss medical and surgical strategies for risk reduction. This will include a thorough discussion of nipple sparing mastectomy and immediate breast reconstruction. We will also review the management of concomitant cancer risk as well as the psychological implications of high-risk designation. Lastly, we will review the

essential components of a formal high-risk breast program and strategies for starting a program.

Session I

Tuesday, 9:00 am - 12:00 noon

MODERATOR: V. Suzanne Klimberg, MD, FACS, *Little Rock, AR***Welcome and Overview**V. Suzanne Klimberg, MD, FACS, *Little Rock, AR*Jon M. Greif, DO, FACS, *Oakland, CA***Identifying the High-Risk Breast Patient: What Constitutes High Risk?**A. Marilyn Leitch, MD, FACS, *Dallas, TX***Genetic Counseling and Testing for the Woman at High-Risk for Breast Cancer**Olufunmilayo I. Olopade, MD, FACP, *Chicago, IL***Tools for Calculating Breast Cancer Risk**Jon M. Greif, DO, FACS, *Oakland, CA***The Surgeon's Guide to Imaging Management of the High-Risk Breast Cancer Patient**Jan H. Wong, MD, FACS, *Greenville, NC***Panel on Identification, Evaluation, and Follow-up of Patients at Increased Risk for Breast Cancer, with Case Presentations and Audience Participation**V. Suzanne Klimberg, MD, FACS, *Little Rock, AR*Jon M. Greif, DO, FACS, *Oakland, CA*A. Marilyn Leitch, MD, FACS, *Dallas, TX*Olufunmilayo I. Olopade, MD, FACP, *Chicago, IL*Jan H. Wong, MD, FACS, *Greenville, NC***Session II**

Tuesday, 1:00 - 2:45 pm

MODERATOR: Jon M. Greif, DO, FACS, *Oakland, CA***Non-Surgical Breast Cancer Risk Reducing Strategies**Lisa A. Newman, MD, MPH, FACS, *Ann Arbor, MI***Surgical Breast Cancer Risk Reducing Strategies**V. Suzanne Klimberg, MD, FACS, *Little Rock, AR***Reconstruction Options after Risk Reducing Mastectomy**Gabriel M. Kind, MD, FACS, *San Francisco, CA***Panel on Risk-Reducing Strategies, Surgical and Nonsurgical, with Case Presentations and Audience Participation**Jon M. Greif, DO, FACS, *Oakland, CA*Lisa Bailey, MD, FACS, *Oakland, CA*Lisa A. Newman, MD, MPH, FACS, *Ann Arbor, MI*Gabriel M. Kind, MD, FACS, *San Francisco, CA*V. Suzanne Klimberg, MD, FACS, *Little Rock, AR***Session III**

Tuesday, 3:00 - 4:30 pm

MODERATOR: V. Suzanne Klimberg, MD, FACS, *Little Rock, AR***Psychological Implications of High-Risk Breast Cancer Designation: How Thoughts Influence Decision-Making**Erika A. Waters, PhD, MPH, *St. Louis, MO*

Clinical Trials in Breast Cancer: Participation of Surgeons

Lee G. Wilke, MD, FACS, *Madison, WI*

Starting a Formal High-Risk Breast Program—The Essential Components

Nora M. Hansen, MD, FACS, *Chicago, IL*

Panel on Setting Up a High-Risk Breast Program, with Audience Participation

V. Suzanne Klimberg, MD, FACS, *Little Rock, AR*

Lisa Bailey, MD, FACS, *Oakland, CA*

Jon M. Greif, DO, FACS, *Oakland, CA*

Nora M. Hansen, MD, FACS, *Chicago, IL*

Erika A. Waters, PhD, MPH, *St. Louis, MO*

Lee G. Wilke, MD, FACS, *Madison, WI*

Sponsored by the Program Committee

PG22 | Review Course in the Essentials of Vascular Surgery for General and Vascular Surgeons

TRACKS: GEN, VAS

6 credits, Verification Level II

4 sessions: Wednesday, October 3; 8:00 am - 3:30 pm

Location: W 185

CHAIR: Sean P. Lyden, MD, FACS, *Cleveland, OH*

CO-CHAIR: Mark M. Levy, MD, FACS, *Richmond, VA*

At the end of this course, participants will be able to discuss the essential elements necessary to treat vascular disease in surgical patients. Emphasis will be placed on portions of vascular surgery that interface with general surgery, especially acute care. Selected topics include management of acute limb ischemia, vascular trauma and appropriate exposures, management of hemorrhage, diagnosis and management of mesenteric ischemia, management of ruptured aneurysms, selected topics in dialysis access, and management of amputations. The overall scope of the course will reflect the general distribution of vascular topics seen by both general and vascular surgeons.

Session I: Dialysis Access

Wednesday, 8:00 - 9:30 am

MODERATORS: Sean P. Lyden, MD, FACS, *Cleveland, OH*

Mark M. Levy, MD, FACS, *Richmond, VA*

How to Maximize Use of Autologous Vein for Access

Britt H. Tonnessen, MD, *Charleston, SC*

Salvage of the Nonmaturing or Failing Dialysis Access

David L. Gillespie, MD, FACS, *Rochester, NY*

Long-Term Complications of Dialysis Access, Steal, Aneurysms, Infection, and Central Venous Stenosis

Salvatore T. Scali, MD, *Gainesville, FL*

Uncommon Procedures for the Difficult Access Patient

John R. Ross, MD, FACS, *Orangeburg, SC*

Panel Discussion

David L. Gillespie, MD, FACS, *Rochester, NY*

John R. Ross, MD, FACS, *Orangeburg, SC*

Salvatore T. Scali, MD, *Gainesville, FL*

Britt H. Tonnessen, MD, *Charleston, SC*

Session II: Venous Disease/ Mesenteric Ischemia

Wednesday, 9:45 - 11:15 am

MODERATORS: Sean P. Lyden, MD, FACS, *Cleveland, OH*

Mark M. Levy, MD, FACS, *Richmond, VA*

IVC Filters Data, Types, Techniques, and Retrieval

John E. Rectenwald, MD, FACS, *Ann Arbor, MI*

Varicose Veins EVLT, RF, Stripping

Ellen D. Dillavou, MD, FACS, *Pittsburgh, PA*

Central Venous Access in 2012 Devices, Techniques, Imaging

Roberto E. Kusminsky, MD, MPH, FACS, *Charleston, WV*

Prescription Iliofemoral DVTs, Anticoagulation, Lysis and Surgery

Anthony J. Comerota, MD, FACS, FACC, *Toledo, OH*

Panel Discussion

Anthony J. Comerota, MD, FACS, FACC, *Toledo, OH*

Ellen D. Dillavou, MD, FACS, *Pittsburgh, PA*

Roberto E. Kusminsky, MD, MPH, FACS, *Charleston, WV*

John E. Rectenwald, MD, FACS, *Ann Arbor, MI*

Session III: Aortic Disease and Vascular Trauma

Wednesday, 12:15 - 1:45 pm

MODERATORS: Sean P. Lyden, MD, FACS, *Cleveland, OH*

Mark M. Levy, MD, FACS, *Richmond, VA*

Ruptured Aneurysms: Open and Endo Management

Benjamin W. Starnes, MD, FACS, *Seattle, WA*

Acute Mesenteric Ischemia

Manju Kalra, MB, BS, *Rochester, MN*

Aortoiliac Occlusive Disease: Open to Endo Results and Tips

Jean M. Panneton, MD, FACS, FRCSC, *Norfolk, VA*

Artery Trauma Open and Endo Management—Neck, Central, Peripheral Shunts, and Complex Extremity Trauma: Dealing with Bones, Muscles, and Vasculature Combined

Michael C. Stoner, MD, FACS, *Greenville, NC*

Panel Discussion

Manju Kalra, MB, BS, *Rochester, MN*

Jean M. Panneton, MD, FACS, FRCSC, *Norfolk, VA*

Benjamin W. Starnes, MD, FACS, *Seattle, WA*

Michael C. Stoner, MD, FACS, *Greenville, NC*

Session IV: Peripheral and Carotid Arterial Disease

Wednesday, 2:00 - 3:30 pm

MODERATORS: Sean P. Lyden, MD, FACS, *Cleveland, OH*

Mark M. Levy, MD, FACS, *Richmond, VA*

Update on Current Carotid Disease Management 2012 Statins, Stents, and Surgery

Jeffery B. Dattilo, MD, FACS, *Nashville, TN*

Acute Limb Ischemia: Open and Endo Management Options

Vikram S. Kashyap, MD, FACS, *Cleveland, OH*

Critical Limb Ischemia Revascularization Strategies with Endovascular Treatments

Levester Kirksey, MD, FACS, *Cleveland, OH*

Critical Limb Ischemia Revascularization Strategies with Venous and Prosthetic Bypass

Richard F. Neville, MD, FACS, *Washington, DC*

Panel Discussion

Jeffery B. Dattilo, MD, FACS, *Nashville, TN*

Vikram S. Kashyap, MD, FACS, *Cleveland, OH*

Levester Kirksey, MD, FACS, *Cleveland, OH*

Richard F. Neville, MD, FACS, *Washington, DC*

Sponsored by the Advisory Council for Vascular Surgery

PG23 | Bundled Care and the Future of Surgical Health Care: Delivery and Outcomes

TRACKS: EDU, HP

6 credits, Verification Level I

4 sessions: Wednesday, October 3; 8:30 am - 4:00 pm

Location: W 180

CHAIR: Mohsen Shabahang, MD, FACS, *Danville, PA*

CO-CHAIR: Frank G. Opelka, MD, FACS, *Washington, DC*

This course will focus on the future of surgical health care in regards to bundled delivery and outcomes. The aim of the course is to educate participants on the concept of reliability science in surgery and demonstrate its application to their clinical practice. The design of the course is such that different surgical specialties are highlighted to showcase successful bundled care programs. The overall goal for attendees is to be able to take the principles of bundled care and incorporate them into their specialties. The course will be given by faculty from the Geisinger Health System in Danville, PA; Louisiana State University School of Medicine in New Orleans; LA, Drexel University in Philadelphia, PA; and the University of Washington in Seattle, WA. The course will be lecture-based and potentially utilize small groups or break-out sessions if the facility can accommodate. There will also be a panel discussion for open dialogue between the attendees and presenters to facilitate future mentorship and collaboration.

Session I

Wednesday, 8:30 - 10:00 am

MODERATOR: Frank G. Opelka, MD, FACS, *Washington, DC*

Innovation: Key to Value-Based Surgery

Albert Bothe, Jr., MD, FACS, *Danville, PA*

Bundled Surgical Care: Significance within the Panoply of Health Care Delivery II

Frank G. Opelka, MD, FACS, *Washington, DC*

Reliability Science: Foundation of Quality Care

John R. Clarke, MD, FACS, *Philadelphia, PA*

Session II

Wednesday, 10:15 am - 12:15 pm

MODERATOR: Frank G. Opelka, MD, FACS, *Washington, DC*

History and Application of ProvenCare in Different Specialties

David P. Franklin, MD, FACS, *Danville, PA*

ProvenCare Coronary Artery Bypass Graft (CABG)

Alfred S. Casale, MD, FACS, *Shavertown, PA*

ProvenCare Lung

Douglas E. Wood, MD, FACS, *Seattle, WA*

Matthew A. Facktor, MD, FACS, *Danville, PA*

ProvenCare Bariatrics

Anthony T. Petrick, MD, FACS, *Danville, PA*

Session III

Wednesday, 1:15 - 2:45 pm

MODERATOR: Mohsen Shabahang, MD, FACS, *Danville, PA*

Bundled Care Discharge/Preventable Readmissions in Surgery

Mohsen Shabahang, MD, FACS, *Danville, PA*

How Do You Start This in Your Hospital?

(Implementation Blueprint)

Karen E. McKinley, RN, *Danville, PA*

Electronic Health Record Hardwiring

Jonathan D. Darer, MD, MPH, *Danville, PA*

Session IV

Wednesday, 1:15 - 2:45 pm

MODERATOR: Mohsen Shabahang, MD, FACS, *Danville, PA*

Panel Discussion: Opportunities for Future Mentorship and Collaboration

Moderator: Nicole L. Woll, PhD, *Danville, PA*

Albert Bothe, Jr., MD, FACS, *Danville, PA*

Alfred S. Casale, MD, FACS, *Shavertown, PA*

John R. Clarke, MD, FACS, *Philadelphia, PA*

Jonathan D. Darer, MD, MPH, *Danville, PA*

Matthew A. Facktor, MD, FACS, *Danville, PA*

David P. Franklin, MD, FACS, *Danville, PA*

Karen E. McKinley, RN, *Danville, PA*

Frank G. Opelka, MD, FACS, *Washington, DC*

Anthony T. Petrick, MD, FACS, *Danville, PA*

Mohsen Shabahang, MD, FACS, *Danville, PA*

Douglas E. Wood, MD, FACS, *Seattle, WA*

Sponsored by the Division of Education

PG24 | Trauma Techniques: From Top to Bottom

TRACKS: GEN, TRA

6 credits, Verification Level I

4 sessions: Wednesday, October 3; 9:00 am - 4:30 pm

Location: W 181

CHAIR: Demetrios Demetriades, MD, PhD, FACS, *Los Angeles, CA*

CO-CHAIR: Thomas M. Scalea, MD, FACS, *Baltimore, MD*

Tips and tricks for a wide range of trauma operations ranging from neck exploration to distal extremity vascular exposure and repair. The approach to torso injuries will be extensively explored and injuries to the airway, lung, heart, great vessels, and esophagus all addressed. The operative flow of exploratory laparotomy will be reviewed and the treatment of specific difficult injuries found during exploration discussed. Vascular exposures and control will be emphasized for all areas and difficult/challenging injury complex management explored by a collection of experts who have found and gotten themselves and their colleagues/trainees out of dire situations in the operating room.

Session I

Wednesday, 9:00 - 10:25 am

MODERATORS:

Demetrios Demetriades, MD, PhD, FACS,
Los Angeles, CA
Thomas M. Scalea, MD, FACS, *Baltimore, MD*

Introduction

Demetrios Demetriades, MD, PhD, FACS,
Los Angeles, CA
Thomas M. Scalea, MD, FACS, *Baltimore, MD*

Carotid Artery and Jugular Vein Injuries

David V. Feliciano, MD, FACS, *Atlanta, GA*

Subclavian Vascular Injuries

Carlos V. R. Brown, MD, FACS, *Austin, TX*

Neck Aerodigestive Tract Injuries

Deborah M. Stein, MD, MPH, FACS, FCCM,
Baltimore, MD

Lung Injuries

Demetrios Demetriades, MD, PhD, FACS,
Los Angeles, CA

Panel Discussion

Carlos V. R. Brown, MD, FACS, *Austin, TX*
Demetrios Demetriades, MD, PhD, FACS,
Los Angeles, CA
David V. Feliciano, MD, FACS, *Atlanta, GA*
Deborah M. Stein, MD, MPH, FACS, FCCM,
Baltimore, MD

Session II

Wednesday, 10:40 am - 12:30 pm

MODERATORS:

Demetrios Demetriades, MD, PhD, FACS,
Los Angeles, CA
Thomas M. Scalea, MD, FACS, *Baltimore, MD*

Cardiac Injuries

Ali Salim, MD, FACS, *Los Angeles, CA*

Thoracic Esophagus and Tracheo-Bronchial Injuries

J. David Richardson, MD, FACS, *Louisville, KY*

Pancreaticoduodenal Injuries

George C. Velmahos, MD, FACS, *Boston, MA*

Complex Liver Injuries

Kenji Inaba, MD, FACS, FRCSC, *Los Angeles, CA*

Thoracic Aortic Injuries

Ernest E. Moore, MD, FACS, *Denver, CO*

Major Vessels in the Upper Abdomen

David B. Hoyt, MD, FACS, *Chicago, IL*

Panel Discussion

David B. Hoyt, MD, FACS, *Chicago, IL*
Kenji Inaba, MD, FACS, FRCSC, *Los Angeles, CA*
Ernest E. Moore, MD, FACS, *Denver, CO*
J. David Richardson, MD, FACS, *Louisville, KY*
Ali Salim, MD, FACS, *Los Angeles, CA*
George C. Velmahos, MD, FACS, *Boston, MA*

Session III

Wednesday, 1:30 - 2:50 pm

MODERATORS:

Demetrios Demetriades, MD, PhD, FACS,
Los Angeles, CA
Thomas M. Scalea, MD, FACS, *Baltimore, MD*

Splenic Preservation Operations

Thomas M. Scalea, MD, FACS, *Baltimore, MD*

Kidney, Ureter, and Bladder Injuries

Sharon M. Henry, MD, FACS, *Baltimore, MD*

Iliac Vascular Injuries

Raul Coimbra, MD, PhD, FACS, *San Diego, CA*

Damage Control in the Abdomen: Techniques and Pitfalls

Michael F. Rotondo, MD, FACS, *Greenville, NC*

Panel Discussion

Raul Coimbra, MD, PhD, FACS, *San Diego, CA*
Sharon M. Henry, MD, FACS, *Baltimore, MD*
Michael F. Rotondo, MD, FACS, *Greenville, NC*
Thomas M. Scalea, MD, FACS, *Baltimore, MD*

Session IV

Wednesday, 3:05 - 4:30 pm

MODERATORS:

Demetrios Demetriades, MD, PhD, FACS,
Los Angeles, CA
Thomas M. Scalea, MD, FACS, *Baltimore, MD*

Axillary and Brachial Vascular Injuries

Peep Talving, MD, FACS, *Los Angeles, CA*

Surgical Exposure and Management: Popliteal Vascular injuries

J. Wayne Meredith, MD, FACS, *Winston-Salem, NC*

Fasciotomy in the Upper Extremity

Michael J. Sise, MD, FACS, *San Diego, CA*

Fasciotomy in the Lower Extremity

Edward E. Cornwell III, MD, FACS, FCCM,
Washington, DC

Panel Discussion

Edward E. Cornwell III, MD, FACS, FCCM,
Washington, DC
J. Wayne Meredith, MD, FACS, *Winston-Salem, NC*
Michael J. Sise, MD, FACS, *San Diego, CA*
Peep Talving, MD, FACS, *Los Angeles, CA*

Sponsored by the Committee on Trauma

Meet the Expert Luncheons

Converse with experts on selected topics over an informal lunch with colleagues. Case-based discussions are encouraged. Cost for each luncheon is \$45 and preregistration is required. Registration cut-off is at 10:00 am for the luncheons scheduled on that day. Seating capacity is limited.

All luncheons will be held in the Hyatt McCormick Place Conference Center, see room number below:

Monday, October 1

1:15 - 2:15 pm

ME101 Gastro-Esophageal Reflux Disease (GERD)
(Room HMPCC 12C)

TRACK: GEN

FACILITATOR: W. Scott Melvin, MD, FACS, *Columbus, OH*

ME102 Navigating Your Early Academic Career
(Room HMPCC 24C)

TRACK: GEN

FACILITATOR: O. Joe Hines, MD, FACS, *Los Angeles, CA*

ME103 Diverticulitis: Bring Your Dilemmas
(Room HMPCC 12A)

TRACKS: CRS, GEN

FACILITATOR: Tonia M. Young-Fadok, MD, FACS, FASCRS, *Phoenix, AZ*

ME104 MOC—Vascular Surgery (Room HMPCC 11B)

TRACKS: EDU, VAS

FACILITATOR: Joseph L. Mills, MD, FACS, *Tucson, AZ*

ME105 What Is New in Washington and the Impact on Surgical Practice (Room HMPCC 11A)

TRACK: HP

FACILITATOR: Chad A. Rubin, MD, FACS, *Columbia, SC*

ME106 Biliary Tract Misadventures (Room HMPCC 10D)

TRACK: GEN

FACILITATOR: Keith D. Lillemoe, MD, FACS, *Boston, MA*

ME107 Difficult Ostomies (Room HMPCC 12B)

TRACK: CRS

FACILITATOR: Peter A. Cataldo, MD, FACS, *Burlington, VT*

ME108 Severe Liver Injuries (Room HMPCC 10C)

TRACK: GEN

FACILITATOR: Rao R. Ivatury, MD, FACS, *Richmond, VA*

ME109 Retroperitoneal Approach for Adrenalectomy
(Room HMPCC 22C)

TRACK: GEN

FACILITATOR: James A. Lee, MD, FACS, *New York, NY*

ME110 Trauma of the Genitourinary Tract
(Room HMPCC 23C)

TRACKS: TRA, URO

FACILITATOR: Jack W. McAninch, MD, FACS, *San Francisco, CA*

ME111 Perioperative Management of Platelet Inhibitors: When to Stop and When to Continue (Room HMPCC 10B)

TRACK: GEN

FACILITATOR: K. Craig Kent, MD, FACS, *Madison, WI*

ME112 Developing an Acute Care Surgery Service: Is It Right for My Hospital? (Room HMPCC 10A)

TRACKS: GEN, TRA

FACILITATOR: Mary C. McCarthy, MD, FACS, *Dayton, OH*

ME113 Best Practices for Fistula-in-Ano (Room HMPCC 24AB)

TRACK: CRS

FACILITATOR: Neil H. Hyman, MD, FACS, *Burlington, VT*

ME114 Working with Your Endocrinologists to Treat Patients with Thyroid Cancer (Room HMPCC 21C)

TRACKS: ONC, OTO

FACILITATOR: Gerard M. Doherty, MD, FACS, *Boston, MA*

ME115 Critical Care Management of the Traumatic Brain Injury (Room HMPCC 23AB)

TRACK: TRA

FACILITATOR: Alex B. Valadka, MD, FACS, *Austin, TX*

ME116 Intraoperative Gamma Probe-Guided Parathyroidectomy (Room HMPCC 22AB)

TRACK: OTO

FACILITATOR: Herbert Chen, MD, FACS, *Madison, WI*

ME117 Thoracic Emergencies and the On-Call General Surgeon (Room HMPCC 21AB)

TRACK: CTS

FACILITATOR: Thomas K. Varghese, Jr., MD, FACS, *Seattle, WA*

ME118 Finally, New Treatments for Bowel Incontinence
(Room HMPCC 20C)

TRACK: CRS

FACILITATOR: Anders Mellgren, MD, FACS, *Minneapolis, MN*

ME119 Lymphedema after Breast Surgery
(Room HMPCC 20AB)

TRACK: GEN

FACILITATOR: Pat W. Whitworth, MD, FACS, *Nashville, TN*

Tuesday, October 2

11:30 am - 12:30 pm

ME201 Central Neck Node Dissection for Thyroid Cancer: When and How Do I Do It? (Room HMPCC 12C)

TRACKS: ONC, OTO

FACILITATOR: Janice L. Pasiaka, MD, FACS, FRCSC, *Calgary, AB*

ME202 Choosing Among the Best Procedures for Hemorrhoids (Room HMPCC 12B)

TRACK: CRS

FACILITATOR: Joseph P. Bannon, MD, FACS, FASCRS, *Scranton, PA*

ME203 Management of the Axilla in T1 or T2 Breast Cancer (Room HMPCC 12A)

TRACKS: GEN, ONC

FACILITATOR: Monica Morrow, MD, FACS, *New York, NY*

ME204 Nerve Monitoring for Thyroid Surgery
(Room HMPCC 24C)

TRACKS: NEU, OTO

FACILITATOR: Gregory W. Randolph, MD, FACS, *Boston, MA*

ME205 Maintaining Your Academic Career
(Room HMPCC 11B)

TRACK: GEN

FACILITATOR: Frank W. Sellke, MD, FACS, *Providence, RI*

ME206 MOC—Colon and Rectal Surgery
(Room HMPCC 11A)

TRACKS: CRS, EDU

FACILITATOR: James W. Fleshman, MD, FACS, *St. Louis, MO*

ME207 How to Diagnose and Treat Necrotizing Soft Tissue Infections (Room HMPCC 10D)

TRACK: GEN

FACILITATOR: Eileen Metzger Bulger, MD, FACS, *Seattle, WA*

ME208 Advocacy for Surgeons (Room HMPCC 23C)

TRACK: HP

FACILITATOR: John H. Armstrong, MD, FACS, *Ocala, FL*

ME209 Treatment Options for Anal Fissure
(Room HMPCC 10C)

TRACK: CRS

FACILITATOR: Amir L. Bastawrous, MD, FACS, *Seattle, WA*

ME210 Breast Cancer Management in 2012
(Room HMPCC 10B)

TRACKS: GEN, ONC

FACILITATOR: David W. Ollila, MD, FACS, *Chapel Hill, NC* and Lee G. Wilke, MD, FACS, *Madison, WI*

ME211 Should I Become a Hospital Employee?
(Room HMPCC 22AB)

TRACK: GEN

FACILITATOR: David M. Mahvi, MD, FACS, *Chicago, IL*

ME212 Total Mesorectal Excision: When and How (Room HMPCC 20AB)

TRACK: CRS

FACILITATOR: Steven D. Wexner, MD, FACS, *Weston, FL* and Alessandro Fichera, MD, FACS, FASCRS, *Chicago, IL*

ME213 Pituitary Surgery: Past, Present, and Future
(Room HMPCC 21A)

TRACKS: GEN, OTO

FACILITATOR: John L. D. Atkinson, MD, FACS, *Rochester, MN*

ME214 Minimally Invasive Hepatic Surgery
(Room HMPCC 20C)

TRACK: GEN

FACILITATOR: David A. Geller, MD, FACS, *Pittsburgh, PA*

ME215 Complex Abdominal Trauma
(Room HMPCC 10A)

TRACK: TRA

FACILITATOR: David V. Feliciano, MD, FACS, *Atlanta, GA*

ME216 Endovascular Treatment of Vascular Trauma
(Room HMPCC 24AB)

TRACKS: TRA, VAS

FACILITATOR: Benjamin W. Starnes, MD, FACS, *Seattle, WA*

ME217 Treatment of Intraabdominal Infections: When to Operate (Room HMPCC 23AB)

TRACK: GEN

FACILITATOR: Saman Arbabi, MD, MPH, FACS, *Seattle, WA*

ME218 Crohn's Disease: Bring Your Toughest Cases
(Room HMPCC 22C)

TRACK: CRS

FACILITATOR: Fabrizio Michelassi, MD, FACS, *New York, NY*

ME219 Minimally Invasive Parathyroidectomy without Intraoperative PTH (Room HMPCC 21AB)

TRACK: OTO

FACILITATOR: Quan-Yang Duh, MD, FACS, *San Francisco, CA*

Wednesday, October 3

11:30 am - 12:30 pm

ME301 Office Ultrasound: How to Do It and How to Get Paid for It (Room HMPCC 12A)

TRACK: GEN

FACILITATOR: Cord Sturgeon, MD, FACS, *Chicago, IL*

ME302 Surgery for Metastatic Thyroid Cancer in Cervical Lymph Nodes (Room HMPCC 11B)

TRACKS: ONC, OTO

FACILITATOR: Keith S. Heller, MD, FACS, *New York, NY*

ME303 How to Close the Open Abdomen
(Room HMPCC 11A)

TRACK: GEN

FACILITATOR: Timothy C. Fabian, MD, FACS, *Memphis, TN*

ME304 Diverticulitis Decision-Making for the Acute Care Surgeon (Room HMPCC 10D)

TRACK: CRS, GEN

FACILITATOR: Laurence F. Yee, MD, FACS, FASCRS, *San Francisco, CA*

ME305 Choosing the Correct Bariatric Procedure
(Room HMPCC 24C)

TRACK: GEN

FACILITATOR: Ninh T. Nguyen, MD, FACS, *Orange, CA*

ME306 Prostate Cancer (Room HMPCC 10C)

TRACKS: ONC, URO

FACILITATOR: William J. Catalona, MD, FACS, *Chicago, IL*

ME307 Challenges and Solutions in Modern Parathyroidectomy (Room HMPCC 23C)

TRACK: OTO

FACILITATOR: David J. Terris, MD, FACS, *Augusta, GA*

ME308 Rectal Prolapse: Choosing the Best Operation
(Room HMPCC 22C)

TRACK: CRS

FACILITATOR: Linda M. Farkas, MD, FACS, FASCRS, *Raleigh, NC*

ME309 How to Succeed at MOC (Room HMPCC 10B)

TRACKS: EDU, GEN

FACILITATOR: Mark A. Malangoni, MD, FACS, *Philadelphia, PA*

ME310 Laparoscopic Colectomy: Moving up the Learning Curve (Room HMPCC 10A)

TRACK: GEN

FACILITATOR: Ovunc Bardakcioglu, MD, FACS, *St. Louis, MO*

ME311 Anorectal Abscesses and Fistulae
(Room HMPCC 24AB)

TRACK: CRS

FACILITATOR: Herand Abcarian, MD, FACS, *Chicago, IL*

ME312 Treatment of Severe Pancreatitis by the Acute Care Surgeon (Room HMPCC 23AB)

TRACK: GEN

FACILITATOR: Grant E. O'Keefe, MD, FACS, *Seattle, WA*

ME313 Pilonidal Cysts, Abscesses, and Fistulae: What to Do? (Room HMPCC 22AB)

TRACK: CRS

FACILITATOR: Michael A. Buckmire, MD, FACS, *Chandler, AZ*

ME314 Creating Functional Ostomies: Tips and Tricks (Room HMPCC 21C)

TRACK: CRS

FACILITATOR: Bruce A. Orkin, MD, FACS, *Boston, MA*

ME315 Surgical Malpractice 101: Primer on Being an Effective Expert Witness and Tips on Avoiding Being Sued Yourself (Room HMPCC 21AB)

TRACK: GEN

FACILITATOR: Craig S. Derkay, MD, FACS, *Norfolk, VA*

ME316 Careers in Rural Surgery (Room HMPCC 20C)

TRACK: GEN

FACILITATOR: Tyler G. Hughes, MD, FACS, *McPherson, KS*

ME317 Thyroid Cancer for the Practicing Clinician (Room HMPCC 20AB)

TRACKS: ONC, OTO

FACILITATOR: Dennis H. Kraus, MD, FACS, *New York, NY*

Panel Sessions

Monday, October 1

PS100 | 9:45 - 11:15 am

Current Issues in the Treatment of Mesenteric Ischemia

Location: W 375C

TRACKS: GEN, VAS

MODERATOR: Gustavo S. Oderich, MD, FACS, *Rochester, MN*

CO-MODERATOR: Larry H. Hollier, MD, FACS, *New Orleans, LA*

At the end of this session, participants will be able to: explain technical aspects of open mesenteric revascularization, explain technical aspects of difficult endovascular revascularization, discuss outcome analysis of open and endovascular revascularizations, describe technical aspects and outcomes on the use of retrograde SMA stenting via laparotomy, and delineate diagnostic evaluation and benefits of laparoscopic versus open ganglionectomy for MALS.

National Trends and Mortality Rates of Mesenteric Revascularization

Marc L. Schermerhorn, MD, FACS, *Boston, MA*

Technical Points on How to Perform Open Mesenteric Reconstructions

Audra A. Duncan, MD, FACS, *Rochester, MN*

Contemporary Results of Open Mesenteric Reconstruction in the Endovascular Era

Timothy M. Sullivan, MD, FACS, *Minneapolis, MN*

Outcomes of Endovascular Therapy for Chronic Mesenteric Ischemia

Timur P. Sarac, MD, FACS, *Cleveland, OH*

Median Arcuate Ligament Syndrome: Elements of Diagnosis, and Is Either Laparoscopic or Open Surgery Superior?

Brian G. DeRubertis, MD, *Los Angeles, CA*

Indications and Outcomes of Retrograde Mesenteric Stenting via Laparotomy

Edward Y. Woo, MD, FACS, *Philadelphia, PA*

Sponsored by the Advisory Council for Vascular Surgery

PS101 | 9:45 - 11:15 am

Fetal Surgery: Past, Present, and Future

Location: W 178

TRACK: PED

MODERATOR: Diana L. Farmer, MD, FACS, FRCS, *Sacramento, CA*

CO-MODERATOR: Shinjiro Hirose, MD, FACS, *San Francisco, CA*

The recent report in the *New England Journal of Medicine* on the outcome of a 9-year Management of Myelomeningocele Study (MOMS) trial showed a favorable result for fetal surgery in spina bifida. This



session will be designed to review the current status of invasive fetal therapies and to discuss exciting future directions in this field. The session will be aimed at a general surgeon audience, but may be of particular interest to obstetricians, gynecologists, pediatric surgeons, and neurosurgeons.

Introduction

Fetal Surgery: The Beginnings

Michael R. Harrison, MD, FACS, *San Francisco, CA*

Fetal Surgery in the Post MOM's Era: Current State of the Art

Shinjiro Hirose, MD, FACS, *San Francisco, CA*

Future Fetal Therapy: New Horizons and Indications

Alan W. Flake, MD, FACS, *Philadelphia, PA*

Panel Discussion

Sponsored by the Advisory Council for Pediatric Surgery and Surgical Research Committee

PS102 | 9:45 - 11:15 am

Diverticulitis: Changing Paradigms of Treatment

Location: W 375DE

TRACKS: CRS, GEN

MODERATOR: Deborah A. Nagle, MD, FACS, *Boston, MA*

CO-MODERATOR: Reza Rahbar, MD, *Chapel Hill, NC*

This panel will address the optimal treatment of patients suffering from uncomplicated diverticulitis, as well as those with abscess, fistula, and stricture. The need for colectomy will be debated, and preoperative and intraoperative management strategies will be reviewed.

Current Risk Factors and Evaluation of Diverticulitis

Jason F. Hall, MD, MPH, FACS, *Burlington, MA*

Medical Management and Prevention of Recurrence: What Are the Newest Data?

Jan Rakinic, MD, FACS, *Springfield, IL*

Optimizing Surgical Outcomes: Best Practice 2012

Laurence F. Yee, MD, FACS, FASCRS, *San Francisco, CA*

Laparoscopic Lavage for Diverticulitis: Is There Meaningful Evidence?

Morris E. Franklin, MD, FACS, *San Antonio, TX*

Sponsored by the Advisory Council for Colon and Rectal Surgery

PS103 | 9:45 - 11:15 am

Employing an Allied Health Professional: The Practical Realities

Location: W 194

TRACKS: EDU, HP

MODERATOR: Constantine V. Godellas, MD, FACS, *Maywood, IL*

CO-MODERATOR: Reid B. Adams, MD, FACS, *Charlottesville, VA*

This panel will look at issues of choosing the correct Allied Health Professional (AHP) and then educating and credentialing them. It will review hospital, state, and federal regulations, and even discuss informing



patients and determining proper informed consent. At the conclusion of this panel, participants will have a much better understanding of all aspects of employing an AHP, to ensure that the surgeon, patient, allied health professional, and institution all benefit from the hire.

Choosing the Correct Profession for Your Practice Setting

Constantine V. Godellas, MD, FACS, *Maywood, IL*

Allied Health Professionals in the Hospital: Our Perspective

Sharon O'Keefe, *Chicago, IL*

The Role of Physician Extenders in the Surgical Oncology Practice from Diagnosis to Survivorship

Mehra Golshan, MD, FACS, *Boston, MA*

Sponsored by the Committee on Allied Health Professionals

PS104 | 9:45 - 11:15 am

New Paradigms for Management of Colorectal Liver Metastasis

Location: W 179

TRACKS: GEN, ONC

MODERATOR: Bryan M. Clary, MD, FACS, *Durham, NC*

CO-MODERATOR: Thomas A. Aloia, MD, FACS, *Houston, TX*

The increasing use of systems of liver-directed therapies has dramatically altered the role of hepatic resection. This session will focus on selection of patients, the utilization of liver directed therapies to enhance resectability, and new techniques to perform resection.

Anticipated Microscopic Margin Involvement Following Hepatectomy: Is There a Role for Surgery?

Srinevas K. Reddy, MD, *Durham, NC*

Management of the Disappearing Metastases in Pre-treated Patients: Contraindication or Opportunity?

Timothy M. Pawlik, MD, MPH, PhD, FACS, *Cockeysville, MD*

Hepatic Arterial Infusion in the Current Era: Is It Time for Nonparticipating Centers to Reconsider?

Michael I. D'Angelica, MD, FACS, *New York, NY*

ALPPS: An Important Advance in Hepatic Surgery or Just a European Vacation Destination?

Jean-Nicolas Vauthey, MD, FACS, *Houston, TX*

Panel Discussion

Sponsored by the Program Committee

PS105 | 9:45 - 11:15 am

Parenting Beyond Pregnancy: The Challenges of Becoming a Surgeon-Parent

Location: W 475

TRACK: EDU

MODERATOR: Heena P. Santry, MD, FACS, *Worcester, MA*

CO-MODERATOR: Susan A. Stuart, MD, FACS, *Phoenix, AZ*

Navigating a surgical career during both complicated and uncomplicated pregnancies remains a challenge. This panel session will provide audience members with practical advice on becoming a surgeon-parent

when the paths diverge from the traditional model. The panelists will discuss the medical, professional, and personal issues that arise when pregnancy is not easily achievable.

Introduction

Heena P. Santry, MD, FACS, *Worcester, MA*

Panel I: Fertility Challenges

Personal Anecdotes

Julie A. Freischlag, MD, FACS, *Baltimore, MD*

Didactic

Irene C. Souter, MD, *Boston, MA*

Panel Introduction

Susan A. Stuart, MD, FACS, *Phoenix, AZ*

Panel II: Becoming an Adoptive or Surrogate Parent

Personal Anecdotes

Myriam J. Curet, MD, FACS, *Los Altos, CA*

Didactic

Kathleen Hogan Mornson, JD, *Chicago, IL*

Panel Discussion

Sponsored by the Women in Surgery Committee

PS106 | 9:45 - 11:15 am

Sex after Surgery

Location: W 175

TRACKS: GEN, OBG, URO

MODERATOR: Maureen A. Killackey, MD, FACS, *New York, NY*

CO-MODERATOR: Kelli Bullard Dunn, MD, FACS, *Louisville, KY*

Many surgeries leave patients with large scars (for example, vaginal and vulvar scars, mastectomy, and colostomies) that can interfere physically or emotionally with sexual function. This multidisciplinary panel will discuss the various surgical and psychological ways to prepare and treat surgical patients and their partners for the effects of their surgical procedure on their sexual relationship.

Sex after Surgery: Views of the Gynecologic Oncologist

Sharmila Makhija, MD, *Louisville, KY*

Sex after Surgery: View of the Breast Surgeon

Swati Kulkarni, MD, FACS, *Chicago, IL*

Sex after Surgery: Views of the Colorectal Surgeon

Madhulika G. Varma, MD, FACS, *San Francisco, CA*

Sex after Surgery: The Patient's Perspective

Jeanne Carter, PhD, *New York, NY*

Sex after Surgery

Maureen A. Killackey, MD, FACS, *New York, NY*

Kelli Bullard Dunn, MD, FACS, *Louisville, KY*

Sponsored by the Advisory Councils for the Surgical Specialties and Advisory Council for Gynecology and Obstetrics

PS107 | 9:45 am - 1:00 pm

Humanitarian Surgical Outreach at Home and Abroad: Reports of the 2012 Volunteerism and Humanitarian Award Winners

Location: W 176

TRACKS: GEN, HUM, INT

MODERATOR: Selwyn M. Vickers, MD, FACS, *Minneapolis, MN*

CO-MODERATOR: Joseph J. Tepas, MD, FACS, *Jacksonville, FL*

This session showcases the 2012 Volunteerism and Humanitarian Award winners who will share insights into their motivation, accomplishments, and lessons learned related to humanitarian surgical outreach. The honorees' stories will be complemented with presentations by other innovators and leaders in surgical outreach to create a robust portrayal of this complex work. Together, they will form the basis for a lively Q and A segment at the conclusion of the session.

Obstacles to Surgical Care for Migrant and Seasonal Farm Workers

Brendan C. Brady, MD, FACS, *Canandaigua, NY*

International Surgical Development: Defining a New Specialty?

Robin T. Petroze, MD, *Charlottesville, VA*

Shooting for the Moon, Reaching for the Stars: Designing Sustainable Access to Modern Surgical Care

Raymond R. Price, MD, FACS, *Salt Lake City, UT*

The Surgical Ecosystem: A Framework for Global Surgery

Catherine R. deVries, MD, FACS, *Salt Lake City, UT*

Into Africa: Expanding Surgical Care and Training in the Most Underserved Areas of the World

Russell E. White, MD, FACS, *Bomet, Kenya*

Sponsored by the Governors' Committee on Socioeconomic Issues and Operation Giving Back

PS108 | 11:30 am - 1:00 pm

Carotid Stenosis after Carotid Endarterectomy vs. Stenting Trial (CREST)

Location: W 175

TRACKS: NEU, VAS

MODERATOR: Charles J. Prestigiacomo, MD, FACS, *Newark, NJ*

CO-MODERATOR: Brajesh K. Lal, MD, FACS, *Baltimore, MD*

With the recently published results of the largest trial comparing carotid endarterectomy to stenting for carotid stenosis, the "standard of care" may be undergoing a change. How will the study and the organizational decisions affect the practice of surgery with regards to the treatment of carotid stenosis? What do the results truly mean for symptomatic and asymptomatic carotid stenosis? This panel will address these issues.

Has CREST Changed the Incidence of Carotid Stenting?

Brajesh K. Lal, MD, FACS, *Baltimore, MD*

Carotid Endarterectomy in the Post-CREST Era: What Do the Data Show?

Frank T. Padberg, MD, FACS, *Newark, NJ*

Stent or Suture: Is There Any Room for Choice Anymore?

Charles J. Prestigiacomo, MD, FACS, *Newark, NJ*

Case Presentations: You, the Audience, Decides

Questions, Answers, and Wrap-up

Sponsored by the Advisory Council for Neurological Surgery and Advisory Council for Vascular Surgery

PS109 | 11:30 am - 1:00 pm

Catheter-Based Cardiac Valve Surgery

Location: W 474B

TRACK: CTS

MODERATOR: Irving L. Kron, MD, FACS, *Charlottesville, VA*

CO-MODERATOR: Gorav Ailawadi, MD, FACS, *Charlottesville, VA*

This session will focus on new percutaneous valve therapies. The participants will learn the current state of these therapies and the recent data from trials comparing these therapies to conventional open cardiac surgery. In addition, the speakers will also focus on ideal candidates for these therapies compared to conventional valve surgery.

Transcatheter Aortic Valve Replacement (TAVR): Will This Become the Preferred Treatment of Aortic Stenosis?

S. Chris Malaisrie, MD, FACS, *Chicago, IL*

Transapical, Transfemoral, and Transaortic: What Is the Best Approach for TAVR?

Vinod H. Thourani, MD, FACS, *Atlanta, GA*

Mitral Valve Therapies: Valve Repair and Replacement

Gorav Ailawadi, MD, FACS, *Charlottesville, VA*

Transcatheter Pulmonary Valve Replacement for Congenital Heart Disease

James J. Gangemi, MD, FACS, *Charlottesville, VA*

Panel Discussion

Sponsored by the Program Committee and Advisory Council for Cardiothoracic Surgery

PS110 | 11:30 am - 1:00 pm

Disparities in Access to Surgical Care

Location: W 179

TRACKS: GEN, HP, HUM

MODERATOR: Anthony G. Charles, MB, BS, MPH, FACS, *Chapel Hill, NC*

CO-MODERATOR: Zara Cooper, MD, FACS, *Boston, MA*

In this session we will consider the personal and professional factors contributing to the workforce shortage, including gender, age, malpractice, the increasing demands of surgical practice, and declining compensation. We will also consider strategies to eliminate surgical care disparities in the context of the workforce challenges ahead. Particular focus will be placed on the needs of rural and underserved communities and the needs of all patients in these communities.

Disparities in Access to Surgical Care: Impact of Disparity in Rural America

Samuel R. G. Finlayson, MD, MPH, FACS, *Boston, MA*

Disparities in Access to Surgical Care: An Overview

Selwyn O. Rogers, MD, MPH, FACS, *Philadelphia, PA*



Disparities in Access to Surgical Care: The Effect on Cancer Care

Nestor F. Esnaola, MD, MPH, FACS, *Philadelphia, PA*

Disparities in Access to Surgical Care: Geography and Cost of Care

Atul A. Gawande, MD, MPH, FACS, *Boston, MA*

Panel Discussion

Sponsored by the Committee on Diversity Issues

PS111 | 11:30 am - 1:00 pm

Managing the Axilla in Breast Cancer

Location: W 375B

TRACKS: GEN, ONC

MODERATOR: David J. Winchester, MD, FACS, *Evanston, IL*

CO-MODERATOR: Judy C. Boughey, MB, BChir, FACS, *Rochester, MN*

This panel will address current data and guidelines for observation, sentinel node biopsy, and axillary dissection for patients treated with breast conservation therapy and mastectomy. In the context of multimodality therapy, the panel will characterize the impact of axillary surgery on adjuvant systemic and radiation therapy choices.

Introductions and National Trends for Axillary Surgery

David J. Winchester, MD, FACS, *Evanston, IL*

When Can We Offer Our Patients Sentinel Node Biopsy Alone?

Armando E. Giuliano, MD, FACS, FRCSEd, *Los Angeles, CA*

When Is Axillary Dissection Necessary to Determine Systemic Therapy?

William Gradishar, MD, *Chicago, IL*

Radiation Therapy: Are There Differences for Patients with Limited Axillary Surgery?

Thomas Buchholz, MD, FACR, *Houston, TX*

Case Presentations

Sponsored by the Commission on Cancer

PS112 | 11:30 am - 1:00 pm

The Nasty Gallbladder

Location: W 375DE

TRACK: GEN

MODERATOR: David M. Mahvi, MD, FACS, *Chicago, IL*

CO-MODERATOR: Heather L. Evans, MD, FACS, *Seattle, WA*

The most difficult operation in general surgery can be cholecystectomy in the setting of acute cholecystitis. This session is aimed at the practicing general surgeon. The speakers will focus on practical strategies for safe cholecystectomy in the era of laparoscopic surgery. We have focused on the preoperative decision-making process and the technical approach to a difficult gallbladder. The session will conclude with a video session demonstrating the techniques described by our faculty. There will be ample time for clinical questions from the audience.



Damage Control Cholecystectomy: How to Get Out of Trouble in the OR

Nathaniel J. Soper, MD, FACS, *Chicago, IL*

Get 'Em While They're Hot: Indications/Guidelines for Conservative Treatment and Percutaneous Drainage

L. Michael Brunt, MD, FACS, *St. Louis, MO*

Laparoscopic Cholecystectomy: What Are the Indications for Conversion to Open Surgery in 2012?

Theodore N. Pappas, MD, FACS, *Durham, NC*

Video Session: Gallbladder Disasters in the OR

Panel Discussion

Sponsored by the Program Committee

PS113 | 11:30 am - 1:00 pm

Robotic Surgery in the Abdomen and Pelvis: Should You Be Doing It?

Location: W 178

TRACKS: GEN, OBG, URO

MODERATOR: Alessio Pigazzi, MD, PhD, FACS, *Orange, CA*

CO-MODERATOR: Anthony J. Senagore, MD, FACS, *Los Angeles, CA*

This session will evaluate current and emerging indications for robotic abdominal and pelvic surgery. Also, the panel will highlight the challenges which need to be well understood prior to initiating a robotic surgery program as to have the highest chance for success.

Robotic-Assisted Urological Surgery: Beyond the Prostate

Aron Monish, MD, *Los Angeles, CA*

Robotic Hepatobiliary Surgery

Pier Cristoforo Giulianotti, MD, FACS, *Chicago, IL*

Robotic Colectomy: Is It Necessary?

Leela M. Prasad, MD, FACS, FRCS(Edin), FRCS(C), FASCRS, *Park Ridge, IL*

Robotic Rectal Surgery: What Are the Benefits?

James W. Fleshman, MD, FACS, *St. Louis, MO*

Robotic Gynecologic Surgery: Benign, Malignant Disease, or Both?

Arnold P. Advincula, MD, FACS, *Kissimmee, FL*

Panel Discussion

Sponsored by the Advisory Council for Urology and Advisory Councils for the Surgical Specialties

PS114 | 11:30 am - 1:00 pm

Why Surgeons Need to Understand Social Networking

Location: W 375C

TRACKS: EDU, HP, INFO

MODERATOR: Philip L. Glick, MD, FACS, FAAP, FRCS, *Buffalo, NY*

CO-MODERATOR: David S. Lind, MD, FACS, *Philadelphia, PA*

This session will cover how surgeons can use social networking, and the potential uses and abuses of such sites. Topics could include: why surgeons need to understand social networking and social media, the ABCs of safe surgical social networking, using social networking for graduate medical education, continu-



ing medical education, patient care, legal do's and don'ts, and how social networking can make better surgeons.

To Tweet or Become Extinct?: Why Surgeons Need to Understand Social Networking and Social Media

Philip L. Glick, MD, FACS, FAAP, FRCS, *Buffalo, NY*

To Tweet or Die: The ABC's of Safe Surgical Social and Cyber Security Networking

Zachary Glick, *Syracuse, NY*

Meaningful Use of Social Media by Surgeons

Brian McGowan, PhD, *Blue Bell, PA*

Can Tweeting Make You Smarter or Dumber: Using Social Networking for Graduate Medical Education, Continuing Medical Education, and Patient Care

Sani Z. Yamout, MD, *Buffalo, NY*

Operating Safely on Social Networks: Legal Do's and Don'ts – '2.0'

Henry C. Fader, JD, *Philadelphia, PA*

Panel Discussion

Sponsored by the Committee on Emerging Surgical Technology and Education

PS115 | 2:30 - 4:00 pm

Bowel Obstruction: Causes, Management, and Prevention

Location: W 375DE

TRACK: GEN

MODERATOR: Demetrios Demetriades, MD, PhD, FACS, *Los Angeles, CA*

CO-MODERATOR: Jonathan T. Carter, MD, *San Francisco, CA*

This session will address practical issues in the evaluation and management of bowel obstruction. It will cover topics on: epidemiology, pathophysiology, prevention strategies of postlaparotomy adhesions, radiological evaluation and role of laparoscopy in bowel obstruction, evaluation and management of early postoperative bowel obstruction, and diagnostic therapeutic strategies in non-adhesive bowel obstruction.

Introduction

Jonathan T. Carter, MD, *San Francisco, CA*

Adhesive Small Bowel Obstruction: Epidemiology, Pathophysiology, and Risk Factors

H. Gill Cryer, MD, FACS, *Los Angeles, CA*

Prevention Strategies for Post-laparotomy Adhesions

Demetrios Demetriades, MD, PhD, FACS, *Los Angeles, CA*

Clinical Dilemmas in Adhesive SBO: Strangulating or Not, Partial or Complete, How Long You Wait for Nonoperative Resolution, and Open vs. Laparoscopic

Jonathan T. Carter, MD, *San Francisco, CA*

Diagnostic and Therapeutic Strategies of Early Postoperative Bowel Obstruction

Kenneth L. Mattox, MD, FACS, *Houston, TX*

Panel Discussion

Sponsored by the Program Committee

PS116 | 2:30 - 4:00 pm

Evidence-Based Reviews in Surgery (EBRS): Mechanical Bowel Prep—To Prep or Not to Prep in Rectal Cancer Surgery

Location: W 178

TRACKS: EDU, GEN

MODERATOR: Robin S. McLeod, MD, FACS, FRCSC, *Toronto, ON*

CO-MODERATOR: Timothy M. Pawlik, MD, MPH, PhD, FACS, *Cockeysville, MD*

In this symposium the audience will actively participate in a "typical" EBRS monthly package where the evidence for the use of mechanical bowel prep (MBP) in rectal cancer surgery will be discussed. Participants will hear what the evidence is, what the experts say, learn how to navigate through the EBRS website, and have an opportunity to discuss the issues with a panel of experts. The specific topic reviewed will be mechanical bowel prep in rectal cancer surgery.

Introduction and Objectives

Timothy M. Pawlik, MD, MPH, PhD, FACS, *Cockeysville, MD*

Navigation of EBRS Website

Marg McKenzie, RN, CCRP, *Toronto, ON*

The Evidence

Larissa K. F. Temple, MD, FACS, *New York, NY*

Poll the Audience on Their Practices

Robin S. McLeod, MD, FACS, FRCSC, *Toronto, ON*

Expert Panel with Audience Discussion

James W. Fleshman, MD, FACS, *St. Louis, MO*

Tyler G. Hughes, MD, FACS, *McPherson, KS*

Neil H. Hyman, MD, FACS, *Burlington, VT*

Rocco Ricciardi, MD, MPH, FACS, FASCRS, *Burlington, MA*

Summary of Experts' Remarks and Listserv Discussion

Lillian S. Kao, MD, FACS, *Houston, TX*

Concluding Remarks

Robin S. McLeod, MD, FACS, FRCSC, *Toronto, ON*

Sponsored by the Division of Education

PS117 | 2:30 - 4:00 pm

Initiates' Program: The Surgical Lifestyle—Finding Joy in the Profession

Location: W 179

TRACK: EDU, GEN

MODERATOR: Danielle A. Katz, MD, FACS, *East Syracuse, NY*

CO-MODERATOR: Joshua A. Broghammer, MD, FACS, *Kansas City, KS*

Young surgeons in the early stages of their careers face challenges adapting to the surgical lifestyle. This session focuses on strategic techniques for young surgeons to help combat work related burnout, maintain staying power in the surgical profession, and find joy in the practice of surgery.

Personal Wellness Habits That Maximize a Satisfactory Surgical Career

Charles M. Balch, MD, FACS, *Baltimore, MD*

The Value of Mentoring and Teamwork in a Surgical Career

James M. Cook, MD, FACS, *Everett, WA*

Finding Joy and Fulfillment as a Surgeon: The Importance of Work-Life Balance

Kathrin M. Troppmann, MD, FACS, *Sacramento, CA*

Panel Discussion

Sponsored by the Young Fellows Association

PS118 | 2:30 - 4:00 pm

Laparoscopic Pancreatectomy: Fad or the Future

Location: W 375C

TRACK: GEN

MODERATOR: David A. Kooby, MD, FACS, *Atlanta, GA*

CO-MODERATOR: Kevin Tri Nguyen, MD, PhD, *Ann Arbor, MI*

Laparoscopic excision of islet cell neoplasms, distal pancreatectomy, and Whipple operations are now being performed in selected centers. Operative approaches, tricks of the trade, and intraoperative pitfalls will be discussed, along with caveats on margins, staple size, and postoperative drainage. Current results of laparoscopic approaches versus historic results of open procedures will be compared.

Introduction

Robotic, Lap, or Open Distal Pancreatectomy: An “Unbiased” Appraisal

Peter J. Allen, MD, FACS, *New York, NY*

MIS Whipple: For Whom, by Whom—A Practical Approach

Michael L. Kendrick, MD, FACS, *Rochester, MN*

How to Get an MIS Program Off the Ground: Even When the Wind Is Blowing in the Wrong Direction

Kevin Tri Nguyen, MD, PhD, *Ann Arbor, MI*

A Look at the Future in MIS Pancreas Surgery: From the Robot and Beyond!

Arthur J. Moser, MD, FACS, *Boston, MA*

Panel Discussion

Wrap-Up

Sponsored by the Advisory Council for General Surgery

PS119 | 2:30 - 4:00 pm

Ocular Trauma in the ER, in the OR, and on the Battlefield

Location: W 184A

TRACKS: OPHTHO, TRA

MODERATOR: William F. Mieler, MD, FACS, *Chicago, IL*

CO-MODERATOR: Nicholas J. Volpe, MD, *Chicago, IL*

General approach to direct and indirect ocular trauma in the trauma patient will be reviewed in a variety of scenarios.

Introduction, Evaluation, and Initial Management of Ocular and Adnexal Trauma

William F. Mieler, MD, FACS, *Chicago, IL*

Eyelid and Orbital Trauma

Speaker not identified at time of publication.



Neuro-ophthalmic Manifestations of Trauma

Nicholas J. Volpe, MD, *Chicago, IL*

Retinal Manifestations of Systemic (indirect) Trauma

William F. Mieler, MD, FACS, *Chicago, IL*

Ocular Issues Arising from Non-ophthalmic Surgery and Treatment

Nicholas J. Volpe, MD, *Chicago, IL*

Special Battlefield Issues

William F. Mieler, MD, FACS, *Chicago, IL*

Q & A and Summary

Nicholas J. Volpe, MD, *Chicago, IL*

Sponsored by the Advisory Council for Ophthalmic Surgery

PS120 | 2:30 - 4:00 pm

The Pleural Space: Acute and Chronic Challenges

Location: W 474B

TRACK: CTS

MODERATOR: Thomas K. Varghese, Jr., MD, FACS, *Seattle, WA*

CO-MODERATOR: David T. Cooke, MD, FACS, *Sacramento, CA*

Infections of the pleural space are caused by a diverse group of clinical conditions that include trauma, post-operative states, and pneumonia. Complicated parapneumonic effusion and empyema continue to account for significant morbidity and mortality, and uncertainties remain in the community at large regarding their optimal management. This session will provide the learner with knowledge of recent advances in this field and strategies for the care of these patients.

Introduction

Historical Aspects of Empyema Treatment and Influence on Treatment Principles

Thomas K. Varghese, Jr., MB, BS, FACS, *Seattle, WA*

Principles of Treatment: Acute and Chronic Empyema—Decision about Minimally Invasive versus Open Surgical Intervention

David T. Cooke, MD, FACS, *Sacramento, CA*

Role for Acute Care Surgeons in the Treatment of Pleural Space Infections

J. David Richardson, MD, FACS, *Louisville, KY*

Population-Based Analysis of Pleural-Based Infection Treatment: Results from the Literature

Farhood Farjah, MD, *New York, NY*

Panel Discussion

Concluding Remarks

Sponsored by the Program Committee and Advisory Council for Cardiothoracic Surgery

PS121 | 2:30 - 4:00 pm

Prostate Cancer: Modern Concepts in Screening, Active Surveillance, and Surgical Treatment

Location: W 475

TRACK: ONC, URO

MODERATOR: Joseph A. Smith, Jr., MD, FACS, *Nashville, TN*

CO-MODERATOR: Raj S. Pruthi, MD, FACS, *Chapel Hill, NC*

This session will provide an overview of treatment approaches for prostate cancer, including surgery, chemotherapy, radiation and observation, with an emphasis on patient-reported outcomes and long term cancer control. Specific decision and management strategies will be presented.

Introduction: Prostate Cancer

Raj S. Pruthi, MD, FACS, *Chapel Hill, NC*

Should PSA Be Used for Screening and Early Detection of Prostate Cancer?

William J. Catalona, MD, FACS, *Chicago, IL*

Active Surveillance for Prostate Cancer

Matthew E. Nielsen, MD, *Chapel Hill, NC*

The Current and Future Role of Surgery in the Treatment of Prostate Cancer

Daniel A. Barocas, MD, MPH, *Nashville, TN*

Panel Discussion

Sponsored by the Advisory Council for Urology

PS122 | 2:30 - 4:00 pm

Surgeons as Institutional Employees: A Strategic Look at Surgeons as Employees of Hospitals

Location: W 375A

TRACKS: GEN, HP

MODERATOR: Andrew L. Warshaw, MD, FACS, *Boston, MA*

CO-MODERATOR: Frank G. Opelka, MD, FACS, *Washington, DC*

This program will discuss the reasons physicians are seeking hospital employment and the reasons hospitals are seeking to employ general surgeons. This program will also discuss the considerations in determining the feasibility and appropriateness of becoming a hospital employee and the legal considerations of hospital employment. Finally, the session will cover the effective use of consultants and advisors as well as tips for ensuring long term success.

An Alternative to Physician Employment

John M. Livingston, MD, FACS, *Boise, ID*

Surgeon Employment: Important Facts to Know

Charles D. Mabry, MD, FACS, *Pine Bluff, AR*

When It's Time to Come In From the Cold: Navigating the Private Practice-Employment Transition

Marc S. Rubin, MD, FACS, *Danvers, MA*

Employing Surgeons in a Teaching Hospital and in the Community Hospitals: Our Experience

Michael J. Zinner, MD, FACS, *Boston, MA*

Panel Discussion

Sponsored by the Health Policy and Advocacy Group

PS131 | 2:30 - 5:45 pm

Latin America Day 2012

Location: W 176

TRACKS: GEN, INT

MODERATOR: Samuel C. Shuchleib, MD, FACS, *Mexico City, Mexico*

CO-MODERATOR: Alfonso G. Perez Morales, MD, FACS, *Boca Del Rio, Mexico*

This session will focus on the current surgical management of some of the most common pancreatic diseases. Various topics will be presented by experts in the field from different countries in Latin America. This session will be conducted in Spanish.

Current Endoscopic Options for the Diagnosis and Management of Pancreatic Diseases

Jose M. Martinez, MD, FACS, *Miami, FL*

New Strategies for the Management of Necrotizing Pancreatitis

Enrique Luque-De-Leon, MD, *Mexico City, Mexico*

Roll of Robotics in Pancreatic Surgery

Alberto R. Iglesias, MD, FACS, *Miami, FL*

Panel Discussion

Surgical Management of Cystic Tumors of the Pancreas

Carlos Fernandez del Castillo, MD, *Boston, MA*

Surgical Management of Endocrine Tumors of the Pancreas

Miguel F. Herrera, MD, FACS, *Mexico City, Mexico*

Laparoscopic Management of Tumors of the Body and Tail of the Pancreas

Juan Pekolj, MD, FACS, *Buenos Aires, Argentina*

Management of Tumors of the Head of the Pancreas:

Are We Compromising Quality or Oncologic Principles?

Horacio J. Asbun, MD, FACS, *Jacksonville, FL*

Panel Discussion

Sponsored by the Program Committee

PS123 | 4:15 - 5:45 pm

Founders of Private Clinics and the Early History of the American College of Surgeons (ACS)

Location: W 179

TRACKS: CEN, GEN

MODERATOR: David R. Farley, MD, FACS, *Rochester, MN*

CO-MODERATOR: John S. Bolton, MD, FACS, *New Orleans, LA*

The founders of famous private clinics—including the Mayo Clinic (William J. Mayo 1861–1939/ Charles H. Mayo 1865–1939), Cleveland Clinic (George Crile 1869–1943), Lahey Clinic (Frank Lahey 1880–1953), and Ochsner Clinic (Alton Ochsner, 1896–1981)—were influential in the activities of the ACS during its founding and early years. Speakers from the respective clinics would review the activities of their founders in influencing the history of the ACS.

Introduction

The Cleveland Clinic

Allan Siperstein, MD, *Cleveland, OH*

The Lahey Clinic

Leonard Zinman, MD, FACS, *Burlington, MA*

The Ochsner Clinic

John S. Bolton, MD, FACS, *New Orleans, LA*

The Mayo Clinic

David R. Farley, MD, FACS, *Rochester, MN*

Panel Discussion

Sponsored by the Advisory Council for General Surgery

PS124 | 4:15 - 5:45 pm**Hemorrhoids and Fistulae: New Solutions for Old Problems***Location: W 375DE*

TRACKS: CRS, GEN

MODERATOR: Jan Rakinic, MD, FACS, *Springfield, IL*CO-MODERATOR: Amir L. Bastawrous, MD, FACS, *Seattle, WA*

Hemorrhoids and anal fistulas cause significant loss of work and school time for those afflicted; traditional surgical management is painful, can produce disturbances in fecal continence, and cannot ensure a cure. New treatment methods for hemorrhoids and anorectal fistulas will be presented, including stapled hemorrhoidectomy, Doppler-guided hemorrhoidal artery ligation, fistula plug, fibrin glue, and the LIFT procedure; with emphasis on technique, outcomes compared to classical management, and potential pitfalls.

Fistulotomy: Tried and True Treatment of Fistula in Ano

Richard P. Billingham, MD, FACS, *Seattle, WA*

The Use of Fibrin Sealant and Fistula Plugs for Fistula in Ano: Current Status

Kim C. Lu, MD, FACS, *Portland, OR*

Ligation Intersphincteric Fistula Tract (LIFT) for Fistula-in-ano: How to Do It, for Whom, and What Are the Results?

Joseph C. Carmichael, MD, FACS, FASCRS, *Orange, CA*

Panel Discussion

Traditional Treatment of Hemorrhoids

John A. Griffin, MD, FACS, FASCRS, *Salt Lake City, UT*

Procedure for Prolapsing Hemorrhoids

William C. Cirocco, MD, FACS, *Grosse Pointe Woods, MI*

Doppler-Guided Hemorrhoidal Artery Ligation (DG-HAL)

Kirsten B. Wilkins, MD, FACS, FASCRS, *Edison, NJ*

Panel Discussion

Sponsored by the Advisory Council for Colon and Rectal Surgery

PS125 | 4:15 - 5:45 pm**The Impact of Neoadjuvant Chemotherapy on the Locoregional Management of Early Stage Breast Cancer***Location: W 375C*

TRACKS: GEN, ONC

MODERATOR: Elin R. Sigurdson, MD, FACS, *Philadelphia, PA*CO-MODERATOR: Richard J. Bleicher, MD, FACS, *Philadelphia, PA*

This session will begin with a series of questions, designed to focus on the primary areas of audience education. The speakers will then give educational talks on a component of the session encompassing progress made in the evidence-based treatment of this disease, highlighting some of the controversies.



Medical Oncology: Considerations in the Administration of Neoadjuvant Chemotherapy
Clifford Hudis, MD, *New York, NY*

Surgical Oncology: Surgical Management of the Axilla in the Neoadjuvant Setting

Monica Morrow, MD, FACS, *New York, NY*

Radiation Oncology: The Impact of Neoadjuvant Therapy on Radiotherapy

Thomas Buchholz, MD, FACR, *Houston, TX*

Panel Discussion

Sponsored by the Commission on Cancer

PS126 | 4:15 - 5:45 pm**Nanotechnology, Nanobots, and Surgery***Location: W 375A*

TRACKS: BTR, EDU

MODERATOR: Brian S. Zuckerbraun, MD, FACS, *Pittsburgh, PA*CO-MODERATOR: Carla M. Pugh, MD, FACS, *Madison, WI*

This panel will introduce and highlight the fields of nanotechnology and nanorobotics to the fellows of the ACS. The panel will provide an overview of nanotechnology, and medicine, an overview of microrobots in medicine and surgery, and a focus on nanotechnology in the operating room.

Nanomedicine and Cardiovascular Disease

Melina R. Kibbe, MD, FACS, *Chicago, IL*

Nanorobotics and Biological Imaging and Precision Surgery

Nader Jalili, PhD, *Boston, MA*

Nanobiomedical Applications in Cancer Diagnosis and Treatment

Steven A. Curley, MD, FACS, *Houston, TX*

Biomimetic Haircell Sensors and Simulation Based Assessments

Carla M. Pugh, MD, FACS, *Madison, WI*

Sponsored by the Surgical Research Committee

PS127 | 4:15 - 5:45 pm**Staunch the Flow: How to Best Employ New Topical Hemostats, Sealants, and Adhesives***Location: W 178*

TRACKS: EDU, TRA

MODERATOR: William D. Spotnitz, MD, FACS, *Charlottesville, VA*CO-MODERATOR: Dean M. Toriumi, MD, FACS, *Chicago, IL*

This session will enhance the surgeons' understanding of the best uses for the newest topical hemostats, sealants, and adhesives in the setting of established materials. A framework and definitions of terms will be reviewed which will increase the surgeon's ability to successfully employ these agents encompassing safety, efficacy, usability, and cost. The newest additions to be covered in a variety of clinical specialties, as well as demonstrated, will include fibrin sealant patches, lung and spinal sealants, and vascular cyanoacrylates.



Overview

William D. Spotnitz, MD, FACS, *Charlottesville, VA*

Fibrin Sealant Patch for Cardiovascular Hemostasis

Henrik K. Kjaergard, MD, *Copenhagen, Denmark*

Fibrin Sealant for Skin Graft Attachment and Facial Skin Flap Adherence

Dean M. Toriumi, MD, FACS, *Chicago, IL*

Polyethylene Glycol Polymers for Pneumostasis and Spinal Sealing

Stephen C. Yang, MD, FACS, *Baltimore, MD*

Cyanoacrylate for Vascular Sealing

Alan B. Lumsden, MD, FACS, *Houston, TX*

Cyanoacrylates +/- Mesh for Skin Closure and Bacterial Barrier Creation

James Quinn, MD, *Palo Alto, CA*

Demonstration

Sandra G. Burks, BSN, RN, *Charlottesville, VA*

Panel Discussion

Sponsored by the Program Committee

PS128 | 4:15 - 5:45 pm**Treatment of Complications Associated with Anti-Reflux Surgery**

Location: W 375B

TRACKS: CTS, GEN

MODERATOR: Michael D. Holzman, MD, FACS, *Nashville, TN*
CO-MODERATOR: Kevin M. Reavis, MD, FACS, *Portland, OR*

This session is designed to review some of the more common problems encountered by gastroenterologist and surgeons caring for patients with reflux disease. Topics covered will include recurrent reflux, persistent dysphagia, recurrent hiatal hernia, as well as vagal nerve disorders. Attendees should gain a better understanding how to avoid complications during the initial operation as well as obtaining knowledge regarding evaluation and treatment of recurrent or persistent symptoms.

Introduction

Michael D. Holzman, MD, FACS, *Nashville, TN*

Recurrent Reflux

John G. Hunter, MD, FACS, *Portland, OR*

Persistent Dysphagia

Nathaniel J. Soper, MD, FACS, *Chicago, IL*

Recurrent Hiatal Hernia

Brant K. Oelschlager, MD, FACS, *Seattle, WA*

Endoscopic Options

Vic Velanovich, MD, FACS, *Tampa, FL*

Vagal Injuries

Steven P. Bowers, MD, FACS, *Jacksonville, FL*

Case Presentations

Sponsored by the Advisory Council for General Surgery and the Advisory Council for Cardiothoracic Surgery

PS129 | 4:15 - 5:45 pm**Understanding What ACS NSQIP® Can Do for Your Patients and Hospital**

Location: W 475

TRACKS: GEN, HP

MODERATOR: Clifford Y. Ko, MD, MSHS, FACS, *Chicago, IL*

CO-MODERATOR: J. Michael Henderson, MB, ChB, FACS, *Cleveland, OH*

The historical development of American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP®) will be briefly reviewed, as will the improved clinical outcomes that resulted after implementation in both VA and university/community hospitals. The reasons why ACS NSQIP favorably impacts patient outcomes will be discussed. Finally, the "Gen Two" (Generation Two) changes in ACS NSQIP and the new case collection options will be described, along with the real costs of bringing ACS NSQIP to a community hospital.

PANELISTS:

Samuel R. G. Finlayson, MD, MPH, FACS, *Boston, MA*

Clifford Y. Ko, MD, MSHS, FACS, *Chicago, IL*

Joe H. Patton, MD, FACS, *Detroit, MI*

Joseph J. Tepas, MD, FACS, *Jacksonville, FL*

Sponsored by the Division of Research and Optimal Patient Care and the Advisory Council for General Surgery

PS130 | 4:15 - 5:45 pm**What Are the Limits of Office-Based Procedures?**

Location: W 474B

TRACKS: GEN, HP

MODERATOR: Sam S. Ahn, MD, FACS, *Los Angeles, CA*

CO-MODERATOR: Sean P. Roddy, MD, FACS, *Albany, NY*

As procedures become more minimally-invasive, the temptation to perform office-based surgery, and push its limits, increases. What are the limits? What should or should not be done? Does reimbursement drive the issue?

Introduction

What Skill Sets Are Needed to Perform Procedures Safely and Effectively in the Office Setting?

Sam S. Ahn, MD, FACS, *Los Angeles, CA*

What Peripheral Cases Should Not Be Done in an Office Setting?

John B. Taggart, MD, *Albany, NY*

What Dialysis Access Cases Should Not Be Done in an Office Setting?

Homayoun A. Hashemi, MD, FACS, *Fairfax, VA*

What Venous Cases Should Not Be Done in an Office Setting?

Deepak G. Nair, MD, FACS, *Sarasota, FL*

Supply Cost Issues That Could Influence the Procedure: Pitfalls to Avoid

Robert G. Molnar, MD, FACS, *Flint, MI*

Reimbursement Issues That Could Influence Procedures: Pitfalls to Avoid

Sean P. Roddy, MD, FACS, *Albany, NY*

Panel Discussion

Sponsored by the Advisory Councils for the Surgical Specialties

Tuesday, October 2

PS200 | 8:00 - 9:30 am

10,000 Hours vs. 10,000 Cases: How to Train the Modern-Day Surgeon

Location: W 375C

TRACKS: EDU, RES-MED

MODERATOR: Jeannette M. Capella, MD, MEd, FACS, *Hollidaysburg, PA*

To assure adequacy of training, the focus should be on attaining competencies in specific skills and knowledge, rather than merely spending the requisite time in training. This panel will explore the transition from the Apprenticeship Model to the Competency Development Model, and will discuss not only technical competency, but also critical thinking, communication, and leadership skills. Included will be the challenges presented by time constraints, RVU targets and work-hour restrictions.

SCORE and Other Web-Based Curricular Resources for Resident Education

Mary E. Klingensmith, MD, FACS, *St. Louis, MO*

Incorporating Simulation in Residency Programs

Gary L. Dunnington, MD, FACS, *Indianapolis, IN*

A Systematic Approach to Teaching and Evaluating Residents in the OR

Debra A. DaRosa, PhD, *Chicago, IL*

Balancing Clinical Productivity Demands and Educational Needs of Residents

Paul J. Schenarts, MD, FACS, *Greenville, NC*

Sponsored by the Committee on Resident Education

PS201 | 8:00 - 9:30 am

After Discharge: Rehabilitation and End Results after Major Trauma

Location: W 192

TRACKS: GEN, TRA

MODERATOR: Brian J. Eastridge, MD, FACS, *Fort Sam Houston, TX*

CO-MODERATOR: Saman Arbabi, MD, MPH, FACS, *Seattle, WA*

Traumatic injury results in significant in-house hospital stays, but an even longer postdischarge course, often including acute rehabilitation and recurrent hospitalizations. This session will focus on postdischarge outcomes, including readmissions, postdischarge complications, return-to-work metrics, and mortality.

Trauma Care Beyond the Hospital Doors

Saman Arbabi, MD, MPH, FACS, *Seattle, WA*

Orthopaedic Morbidity following Survival for Major Trauma

COL James R. Ficke, MD, *Fort Sam Houston, TX*



Neurosurgical Perspective on Rehabilitation and Outcomes

James M. Ecklund, MD, FACS, *Falls Church, VA*

Panel Discussion

Sponsored by the Committee on Trauma

PS202 | 8:00 - 9:30 am

Biomedical Informatics and Computational Modeling in the Era of Personalized Medicine

Location: W 196BC

TRACKS: BTR, INFO

MODERATOR: Jeffrey B. Matthews, MD, FACS, *Chicago, IL*

CO-MODERATOR: Genevieve B. Melton-Meaux, MD, FACS, *Minneapolis, MN*

This session will introduce attendees to some of the biomedical informatic and computational challenges involved in several core areas, including the extraction and processing of data from electronic health records; the translation of large-scale genomic data mining into clinical practice; and computational modeling of complex disease processes such as cancer and sepsis.

Extracting Data from Electronic Health Records and the Biomedical Literature

Andrey Rzhetsky, PhD, *Chicago, IL*

Computational Modeling of Complex Disease and Complex Decisions

Gary C. An, MD, *Chicago, IL*

Challenges of "Personalized" Surgery Based on Genomic Data

Michael J. Demeure, MD, FACS, *Scottsdale, AZ*

Panel Discussion

Sponsored by the Committee for the Forum on Fundamental Surgical Problems

PS203 | 8:00 - 9:30 am

Duodenal Emergencies: Perforation, Bleeding, and Trauma

Location: W 375B

TRACKS: GEN, TRA

MODERATOR: Rosemary A. Kozar, MD, FACS, *Houston, TX*

CO-MODERATOR: Sasha D. Adams, MD, *Chapel Hill, NC*

While uncommon, duodenal emergencies continue to occur in "acute care" hospitals. Technical solutions to difficult problems like giant perforations, bleeding diverticula, and penetrating wounds will be emphasized.

Surgical Management of Difficult Duodenal Emergencies: Open Techniques

Daniel T. Dempsey, MD, FACS, *Melrose Park, PA*

Surgical Management of Difficult Duodenal Emergencies: Laparoscopic Techniques

Erik B. Wilson, MD, FACS, *Houston, TX*

Surgical Management of Difficult Duodenal Emergencies: Endoscopic Techniques

Jeffrey L. Ponsky, MD, FACS, *Cleveland, OH*



Management of Complex Pancreatic and Duodenal Injuries after Trauma

David V. Feliciano, MD, FACS, *Atlanta, GA*

Panel Discussion

Sponsored by the Advisory Council for General Surgery

PS204 | 8:00 - 9:30 am

The Ever-Changing World of Payment Methodologies

Location: W 178

TRACK: HP

MODERATOR: Frank G. Opelka, MD, FACS, *Washington, DC*

CO-MODERATOR: Michael M. Abecassis, MD, FACS, *Chicago, IL*

As our health care system continues to evolve, CMS and others continue to work on new and different payment methodologies such as ACO's, bundled payments, and shared savings just to name a few. It is imperative that the surgeon have an understanding how she/he may benefit under these new systems and the down side to any such arrangements and how such arrangements may impact a surgical practice.

Overview

Frank G. Opelka, MD, FACS, *Washington, DC*

Transplant Bundles

Michael M. Abecassis, MD, FACS, *Chicago, IL*

MEDPAC Thoughts

Karen R. Borman, MD, FACS, *Abington, PA*

ACS Efforts

Chad A. Rubin, MD, FACS, *Columbia, SC*

Large, Integrated Practice Experience

Albert Bothe, Jr., MD, FACS, *Danville, PA*

Panel Discussion

Sponsored by the Governors' Committee on Surgical Practices in Hospitals and Ambulatory Settings

PS205 | 8:00 - 9:30 am

REALLY? Is It an Emergency? and Other Appendicitis Conundrums

Location: W 375DE

TRACKS: GEN, PED

MODERATOR: Julie A. Dunn, MD, FACS, *Johnson City, TN*

CO-MODERATOR: Oscar D. Guillamondegui, MD, MPH, FACS, *Nashville, TN*

Appendectomy continues to be one of the most frequently performed operations in general surgery. Historically, this was an emergency operation. Indications for emergent surgery, elective surgery, and even non-operative management will be reviewed. Management of surprising pathological findings with neoplasm leading to appendicitis will be reviewed.

PANELISTS:

Hasan B. Alam, MB, BS, FACS, *Boston, MA*

Benjamin M. Braslow, MD, FACS, *Philadelphia, PA*

Julie A. Dunn, MD, FACS, *Johnson City, TN*

Oscar D. Guillamondegui, MD, MPH, FACS, *Nashville, TN*

Part 1: Treatment Paradigms and Diagnostic Dilemmas—Old vs. Young

Panel Discussion

Part 2: Lap versus Open—What Is That, and Now What Do I Do? The Unexpected Diagnoses

Panel Discussion

Sponsored by the Program Committee

PS206 | 8:00 - 9:30 am

Return to Play Issues in Sports-Related Neurotrauma

Location: W 475

TRACK: NEU

MODERATOR: Shelly D. Timmons, MD, PhD, FACS, FAANS, *Danville, PA*

Return to play in sports after concussion, stingers, and other neurotrauma injuries remains significantly controversial. Multiple issues, including if and when to allow athletes to return to play, face practitioners caring for athletes of all ages and experience levels in a variety of sporting activities. This session will provide background on various grading schema, and will present evidence bases for return to play and long-term pathological and functional consequences of concussion in particular.

Concussion and Return to Play: A Team Physician's Perspective

Margot Putukian, PhD, *Princeton, NJ*

Antecedent Head Injuries and Late Life Neurologic Disorders

Bradley F. Boeve, MD, *Rochester, MN*

Panel Discussion

Sponsored by the Advisory Council for Neurological Surgery

PS207 | 8:00 - 11:15 am

Spectacular Cases from Residents

Location: W 187

TRACK: RES-MED

CO-MODERATORS:

Juan C. Paramo, MD, FACS, *Miami Beach, FL*

A. Frederick Schild, MD, FACS, *Miami, FL*

This session will have case presentations by individuals selected through competitive submission. They will challenge the panel to dispute the course of action taken in very difficult circumstances.

PANELISTS:

David J. Cole, MD, FACS, *Charleston, SC*

J. Patrick O'Leary, MD, FACS, *Miami, FL*

J. David Richardson, MD, FACS, *Louisville, KY*

Kenneth W. Sharp, MD, FACS, *Nashville, TN*

Acute Gastric Dilatation and Gastric Necrosis after Nissen Fundoplication

Jordon Merrill Cloyd, MD, *Redwood City, CA*

Incarcerated Winslow Hernia

Diego Carlos Marines-Copado, MD, *Houston, TX*

When Do We Stop?

Fernando M. Safdie, MD, *North Miami Beach, FL*

Hepatic Explantation, Ex Vivo Reconstruction and Re-Implantation for Severe Traumatic Retrohepatic IVC

Keith Andrew Thatch, MD, *Blackwood, NJ*

Staged Hepatectomy in One Week

Lisa Taylor VanHouwelingen, MD, *St. Thomas, ON*

Discussion of Appropriate Timing and Methods of Biliary, Enteric, and Abdominal Wall Reconstruction in a Complex Patient with Multiple Gunshot Wounds

Maria R. Ver, MD, *Chicago, IL*

Typhlitis and the Withdrawal of Care: A Patient's Decision

William H. Ward, MD, *Mobile, AL*

Sponsored by the Resident and Associate Society

PS208 | 9:45 - 11:15 am

The Brutal Reality: Living with Electronic Medical Records

Location: W 178

TRACKS: HP, INFO

MODERATOR: Don E. Detmer, MD, FACS, *Washington, DC*

CO-MODERATOR: Gretchen Purcell Jackson, MD, PhD, FACS, *Nashville, TN*

With current laws, rules, and regulations being in flux regarding the mandatory use of electronic health records (EHR) for physicians, can an EHR really save a surgeon time and money? Will there ever be a return on the start-up investment and maintenance fees? The answers to these and other questions such as opportunities for assistance in purchasing EHR systems will be discussed.

Meaningful Use: What Stages 2 and 3 Mean for Surgeons

Don E. Detmer, MD, FACS, *Washington, DC*

The Reality of Using EHRs As a Practicing Surgeon in 2012

Gretchen Purcell Jackson, MD, PhD, FACS, *Nashville, TN*

How I Led EHR Implementation in Jacksonville

Joseph J. Tepas, MD, FACS, *Jacksonville, FL*

Legal and Practical Issues in Using EHRs, Including Small Practice Settings

Danielle S. Walsh, MD, FACS, *Greenville, NC*

Panel Discussion

Sponsored by the Governors' Committee on Surgical Practices in Hospitals and Ambulatory Settings

PS209 | 9:45 - 11:15 am

Can This Resident Be Saved?

Location: W 375B

TRACKS: EDU, RES-MED

MODERATOR: Rebecca M. Minter, MD, FACS, *Ann Arbor, MI*

CO-MODERATOR: Ashley K. Lentz, MD, *Gainesville, FL*

Surgical residency represents a challenging training environment in which some residents are not

prepared to succeed. True intervention for these struggling residents is often delayed and incomplete, and in many cases does not occur until a resident is stigmatized. In this session, panelists will focus on early identification of these residents, development of targeted interventions, and strategies for setting expectations for resolution of common deficits or issues.

The Resident with a Substance Abuse Problem

Ranjan Sudan, MD, FACS, *Durham, NC*

The Inefficient Resident

Kyla P. Terhune, MD, *Nashville, TN*

The Resident Who Can't Operate

Gary L. Dunnington, MD, FACS, *Indianapolis, IN*

The Resident with Poor Clinical Judgment

Daniel L. Dent, MD, FACS, *San Antonio, TX*

Panel Discussion

Sponsored by the Committee on Resident Education

PS210 | 9:45 - 11:15 am

The Changing Role of Imaging and Visualization in the OR

Location: W 175

TRACKS: EDU, GEN

MODERATOR: Yuman Fong, MD, FACS, *New York, NY*

CO-MODERATOR: Pier Cristoforo Giulianotti, MD, FACS, *Chicago, IL*

This session will address the changing role of imaging and visualization in the operating room.

The Operating Room of the Future: Not Just Bigger and Wired

Yuman Fong, MD, FACS, *New York, NY*

Fluorescence in Surgery

Pier C. Giulianotti, MD, FACS, *Chicago, IL*

New Preoperative Images, Surgical Planning, and Navigation

David A. Geller, MD, FACS, *Pittsburgh, PA*

New Generation Radiosurgery

Vivian E. Strong, MD, FACS, *New York, NY*

Imaging and Simulation and Surgical Rehearsals

Richard M. Satava, Jr., MD, FACS, *Seattle, WA*

Sponsored by the Committee on Emerging Surgical Technology and Education

PS211 | 9:45 - 11:15 am

Management of Lower Gastrointestinal Hemorrhage

Location: W 375DE

TRACKS: CRS, GEN

MODERATOR: Charles B. Whitlow, MD, FACS, *New Orleans, LA*

CO-MODERATOR: Sonia L. Ramamoorthy, MD, FACS, FASCRS, *La Jolla, CA*

This panel will address optimal management of patients presenting with presumed lower gastro-

intestinal tract hemorrhage. The role of diagnostic modalities—such as colonoscopy, bleeding scan, visceral angiography, and capsule endoscopy—will be discussed. Endoscopic, angiographic, and surgical therapies will be debated. Management of the patient with recurrent non-localized bleeding will also be reviewed.

Introduction

Sonia L. Ramamoorthy, MD, FACS, FASCRS, *La Jolla, CA*

Nuclear Scintigraphy and Angiography

Kerry L. Hammond, MD, FACS, *Charleston, SC*

Colonoscopy

Jamie A. Cannon, MD, FACS, *Birmingham, AL*

Obscure Gastrointestinal Bleeding

Harry T. Papaconstantinou, MD, FACS, FASCRS, *Temple, TX*

Surgical Treatment of Lower Gastrointestinal Hemorrhage and Treatment Algorithm

Craig A. Reickert, MD, FACS, *Detroit, MI*

Panel Discussion

Sponsored by the Advisory Council for Colon and Rectal Surgery

PS212 | 9:45 - 11:15 am

New Trial Evidence and Emerging Controversies in Cancer Care

Location: W 196BC

TRACKS: GEN, ONC

MODERATOR: Henry M. Kuerer, MD, FACS, *Houston, TX*
CO-MODERATOR: Monica M. Bertagnolli, MD, FACS, *Boston, MA*

This session will present new evidence from recently published studies and national prospective cancer clinical trials that are under way. The essential knowledge base required for surgeons to better understand the key questions that are being addressed will be reviewed. Leading investigators in the field will highlight what remains controversial in comprehensive cancer therapy and what practices can now be considered standard based on level-one evidence.

Panel I: Impact of Neoadjuvant Chemotherapy on Lymph Node Surgery in Breast Cancer

MODERATOR: Judy C. Boughey, MB, BChir, FACS, *Rochester, MN*

Questions and Discussion

William Gradishar, MD, *Chicago, IL*
Julie A. Margenthaler, MD, FACS, *St. Louis, MO*
William Small, Jr., MD, FACRO, FACR, FASTRO, *Chicago, IL*
Jacqueline S. Jeruss, MD, FACS, *Chicago, IL*

Panel II: Teaching TME to Improve Outcomes in Rectal Cancer

MODERATOR: James W. Fleshman, MD, FACS, *St. Louis, MO*

Questions and Discussion

Heidi Nelson, MD, FACS, *Rochester, MN*
William Small, Jr., MD, FACRO, FACR, FASTRO, *Chicago, IL*
Y. Nancy You, MD, MHSc, FACS, *Houston, TX*

Panel III: Lung Cancer: Can We Do Better with Less?

MODERATOR: Leslie J. Kohman, MD, FACS, *Syracuse, NY*

Questions and Discussion

Albert A. Nemcek, Jr., MD, FSIR, *Chicago, IL*
Renuka Malik, MD, *Chicago, IL*
Dennis A. Wigle, MD, FACS, *Rochester, MN*

Sponsored by The Alliance for Clinical Trials in Oncology

PS213 | 9:45 - 11:15 am

Practical Pearls to Care for Your Geriatric Patients

Location: W 176

TRACK: GER

MODERATOR: Emily V. A. Finlayson, MD, FACS, *San Francisco, CA*

CO-MODERATOR: Thomas N. Robinson, MD, FACS, *Aurora, CO*

As the population ages, it is essential that surgeons develop skills in the diagnosis and treatment of conditions unique to the geriatric population. This session will provide a practical overview of functional impairment, delirium, and safe discharge after surgery and will focus on evidence-based clinical approaches to improve surgical outcomes in older adults.

Introduction

Emily V. A. Finlayson, MD, FACS, *San Francisco, CA*

Pre-habilitation for Your Functionally Impaired Patient

Vic Velanovich, MD, FACS, *Tampa, FL*

Is This Delirium and What Should I Do?

William Dale, MD, PhD, *Chicago, IL*

Comprehensive Discharge Planning to Prevent Re-admission

Marcia McGory Russell, MD, *Los Angeles, CA*

Panel Discussion

Sponsored by the Task Force on Geriatric Surgery

PS214 | 9:45 - 11:15 am

Thoracic Surgery in Childhood and Infancy: Implications for Adult Survivors

Location: W 179

TRACKS: CTS, PED

MODERATOR: Cynthia D. Downard, MD, FACS, *Louisville, KY*

CO-MODERATOR: Christopher E. Mascio, MD, *Louisville, KY*

This session is aimed at pediatric and adult thoracic and cardiac surgeons. This session will explore long-term issues related to thoracic surgical procedures in pediatric age patients. Adult consequences of pediatric correction of congenital chest wall deformities, cardiac defects, pulmonary malformations, and other thoracic conditions will be addressed.

Minimally Invasive Pectus Excavatum Repair in Patients with Marfan's and Marfanoid Features

Marcia A. Kuhn, MD, FACS, *Norfolk, VA*

The Nuts and Bolts of VEPTTR for the Treatment of Congenital Scoliosis

Amina M. Bhatia, MD, FACS, *Atlanta, GA*

Long-Term Complications of the Repair of Esophageal Atresia and Tracheoesophageal Fistula

Elizabeth J. Renaud, MD, FACS, *Worcester, MA*

Long-Term Complications after Neonatal Repair of Esophageal Atresia and Tracheoesophageal Fistula

Geoffrey M. Graeber, MD, FACS, *Worcester, MA*

Repair of Congenital Diaphragmatic Hernias and the Long-Term Effects on Spinal Alignment

Eric R. Scaife, MD, FACS, *Salt Lake City, UT*

Treatment with a Twist?: Late Effects of Thoracic Surgery for Tumors

Daniel von Allmen, MD, FACS, *Cincinnati OH*

Panel Discussion

Sponsored by the Advisory Council for Pediatric Surgery

PS215 | 9:45 - 11:15 am

Joining Forces: How We Can Help Our Returning Veterans

Location: W 192

TRACKS: GEN, NEU, TRA

MODERATOR: A. Brent Eastman, MD, FACS, *San Diego, CA*

CO-MODERATOR: Michael F. Rotondo, MD, FACS, *Greenville, NC*

This session describes the Joining Forces program sponsored by the White House, the Department of Defense, the Veterans Affairs, and all professional medical societies. It is essential that surgeons be aware of challenges of returning vets and how to refer them to care. The campaign and efforts to meet the needs of returning veterans will be discussed.

Joining Forces: The Structure and Goal of the Program

Captain Todd Veazie, *Washington, DC*

The Scope and Impact of the Problem

Jonathan Woodson, MD, FACS, *Boston, MA*

Military Service vs. Work in the Civilian Community

John B. Holcomb, MD, FACS, *Houston, TX*

Perspective of a Returning Veteran

SSGT Richard Gonzalez, *San Diego, CA*

Sponsored by the Committee on Trauma

PS216 | 12:45 - 2:15 pm

The ICU to Nowhere: Chronic Illness after Surgery

Location: W 176

TRACK: GER

MODERATOR: Bridget N. Fahy, MD, FACS, *Houston, TX*

CO-MODERATOR: Zara Cooper, MD, FACS, *Boston, MA*

The session will discuss issues related to the increasing rate of chronic critical illness seen among general surgical patients. The presenters will provide information and tools to assist surgeons who are involved in the care of this challenging group of patients.

Introduction to Chronic Critical Illness: Clinical Description, Epidemiology, and Public Health Implications

Zara Cooper, MD, FACS, *Boston, MA*

Trach and PEG: Utilizing Prognostication Scales for Tailoring Interventions in the ICU

Christine C. Toevs, MD, FACS, *Pittsburgh, PA*

ICU Communication: Who, What, Where?

Geoffrey P. Dunn, MD, FACS, *Erie, PA*

Psychosocial Impact of Chronic Critical Illness on Patients and Families

Jan Taylor, LCSW, *Houston, TX*

Panel Discussion

Sponsored by the Task Force on Surgical Palliative Care

PS217 | 12:45 - 2:15 pm

Joys and Trials of Being an Employed Surgeon: Is It Right for You?

Location: W 375C

TRACK: HP

MODERATOR: Keith D. Amos, MD, FACS, *Chapel Hill, NC*

CO-MODERATOR: Scott D. Coates, MD, FACS, *Chantute, KS*

The objectives of this session will be to outline the factors that cause surgeons to depart independent practices to become employed surgeons, to discuss the benefits of being an employed surgeon, and to discuss the pitfalls of being an employed surgeon.

Why Surgeons Are Transitioning to Employed Practice

Terry Sarantou, MD, FACS, *Charlotte, NC*

The Ecstasy and Agony of Being an Employed Surgeon

Ellen T. Farrokhi, MD, FACS, *Seattle, WA*

What to Consider before Becoming an Employed Surgeon

Charles D. Mabry, MD, FACS, *Pine Bluff, AR*

Panel Discussion

Sponsored by the Young Fellows Association

PS218 | 12:45 - 2:15 pm

Pulmonary Metastatectomy: What Are the Boundaries?

Location: W 178

TRACK: CTS

MODERATOR: David R. Jones, MD, FACS, *Charlottesville, VA*

CO-MODERATOR: Eric L. Grogan, MD, FACS, *Nashville, TN*

In this session, the indications, specific tumor histologies, and surgical techniques for performing pulmonary metastatectomies will be discussed. In addition, the use of non-resectional methodologies such as SBRT and ablative technologies will also be discussed.

Which Tumors Are Candidates for a Pulmonary Metastatectomy?

Nipun B. Merchant, MD, FACS, *Nashville, TN*

Surgical Indications for Pulmonary Metastatectomy

Joe B. Putnam, MD, FACS, *Nashville, TN*

Debate: Minimally-Invasive Pulmonary Metastatectomy Provides Superior Oncologic Results

Pro

Douglas J. Minnich, MD, FACS, *Birmingham, AL*

Con

Prasad S. Adusumilli, MD, FACS, *New York, NY*

Case Presentation

Panel Discussion

Sponsored by the Advisory Council for Cardiothoracic Surgery and Program Committee

PS219 | 12:45 - 2:15 pm**Tools, Tips, and Tricks for AV Access***Location: W 179*

TRACK: VAS

MODERATOR: Eric K. Peden, MD, FACS, *Houston, TX*CO-MODERATOR: Eugene S. Lee, MD, FACS, *Sacramento, CA*

At the end of this session, participants should be able to describe dialysis access problems in special populations of patients, including the obese and elderly, assess the role of complex dialysis access techniques, discuss the current research and novel techniques in dialysis access, and address current coding and reimbursement.

Biological and Mechanical Advances in Access Surgery

Marc H. Glickman, MD, FACS, *Virginia Beach, VA*

Obesity: Making Accessible Fistulas

William C. Jennings, MD, FACS, *Tulsa, OK*

Steal: How to Evaluate and What to Do

Lawrence M. Spergel, MD, FACS, *San Francisco, CA*

Central Venous Stenosis: Options and Outcomes

George H. Meier, MD, FACS, *Cincinnati, OH*

Coding Updates in Access Surgery

Sean P. Roddy, MD, FACS, *Albany, NY*

Panel Discussion

*Sponsored by the Advisory Council for Vascular Surgery***PS220 | 12:45 - 2:15 pm****Treating the Unusual and Complex Gastrointestinal Stromal Tumors (GIST)***Location: W 375A*

TRACKS: GEN, ONC

MODERATOR: Ronald P. DeMatteo, MD, FACS, *New York, NY*CO-MODERATOR: Chandrajit P. Raut, MD, MSc, FACS, *Boston, MA*

Most GIST can be easily treated by surgical resection. Some may require additional treatment such as neo- or adjuvant therapy due to their challenging anatomical locations or metastatic natures. This session will review the pathogenesis of GIST, the appropriate imaging, the current indications to neo-adjuvant and adjuvant therapy, as well as the results of the ACOSOG Z9001 and the recent Swedish Study.

Endoscopic Surveillance and Endoscopic Management of GIST

William Brugge, MD, *Boston, MA*

Laparoscopic Transgastric Resection of GIST

Jason K. Sicklick, MD, *La Jolla, CA*

Neoadjuvant Therapy for GIST

Burton L. Eisenberg, MD, FACS, *Lebanon, NH*

Case Presentation

Panel Discussion

*Sponsored by the Program Committee***PS221 | 12:45 - 2:15 pm****The Current Status of Laparoscopic Inguinal Herniorrhaphy in General Surgical Practice***Location: W 375B*

TRACK: GEN

MODERATOR: Robert J. Fitzgibbons, Jr., MD, FACS, *Omaha, NE*CO-MODERATOR: Gina L. Adrales, MD, FACS, *Lebanon, NH*

The techniques of common laparoscopic herniorrhaphies performed with the transabdominal preperitoneal approach (TAPP) or total extraperitoneal (TEP) approaches will be reviewed. Pitfalls of these approaches and how to avoid them will be discussed. Long-term results will be reviewed, and a management algorithm describing which patients benefit from laparoscopic approaches will be offered.

Introduction

Incorporating Laparoscopic Repair into General Surgery Practice: How Adults Learn a New Technique

Melina C. Vassiliou, MD, MEd, FACS, *Montreal, QC*

Incorporating Laparoscopic Repair into General Surgery Practice: How Residents Learn a New Technique through Simulation

David R. Farley, MD, FACS, *Rochester, MN*

What Percentage of Inguinal Hernias Are Being Repaired Laparoscopically and Why

Kamal M. F. Itani, MD, FACS, *West Roxbury, MA*

How I Do a Transabdominal Preperitoneal Laparoscopic Inguinal Herniorrhaphy

Reinhard Bittner, MD, FRCS, *Stuttgart, Germany*

How I Do a Totally Extraperitoneal Inguinal Herniorrhaphy

Douglas S. Smink, MD, FACS, *Boston, MA*

Is Chronic Post-herniorrhaphy Groin Pain Less with Laparoscopic Inguinal Herniorrhaphy

Archana Ramaswamy, MD, FACS, FRCS, *Columbia, MO*

Avoiding Complications in Laparoscopic Inguinal Herniorrhaphy

Maurice E. Arregui, MD, FACS, *Indianapolis, IN*

An Algorithm for the Proper Position of Laparoscopic Inguinal Herniorrhaphy in the General Surgeons Practice

Gina L. Adrales, MD, FACS, *Lebanon, NH*

Panel Discussion

*Sponsored by the Advisory Council for General Surgery***PS222 | 1:00 - 5:00 pm****APDS Panels: Resident Attrition and Satisfaction—Underlying Problems, Prevention, and Possible Solutions; Are You Ready for Milestones?***Location: W 196BC*

TRACKS: EDU, RES-MED

CO-MODERATORS:

Paula M. Termuhlen, MD, FACS, *Milwaukee, WI*Daniel L. Dent, MD, FACS, *San Antonio, TX*

The Association of Program Directors in Surgery (APDS) will offer the opportunity to learn the latest information on two key issues in surgical education. The first panel will discuss the issue of attrition in surgery residency. The second panel will provide key information on the Accreditation Council for Graduate Medical Education (ACGME) Milestones project and how that is to be implemented in surgical residency training. There will be opportunity for questions and discussion of each topic after the presentations. This session will be followed by the annual APDS business meeting from 4:00 - 5:00 pm.

Panel I: Resident Attrition and Satisfaction—Underlying Problems, Prevention, and Possible Solutions?

MODERATOR: Daniel L. Dent, MD, FACS, *San Antonio, TX*

Attrition: What the Data Reveal

Julie A. Sosa, MD, FACS, *New Haven, CT*

The Independent Academic Program Director's View of Attrition

George M. Fuhrman, MD, FACS, *New Orleans, LA*

The University Program Director's View of Attrition

Bradford G. Scott, MD, FACS, *Houston, TX*

Panel Discussion

Panel II: Are You Ready for Milestones?

MODERATOR: Paula M. Termuhlen, MD, FACS, *Milwaukee, WI*

The Surgery Milestones Workgroup Perspective

Thomas H. Cogbill, MD, FACS, *La Crosse, WI*

The ACGME Perspective

John R. Potts, MD, FACS, *Houston, TX*

The Program Director's Perspective

Karen D. Horvath, MD, FACS, *Seattle, WA*

Panel Discussion

APDS Business Meeting

Sponsored by the Division of Education and Association of Program Directors in Surgery

PS223 | 2:30 - 4:00 pm

Abdominal Wall Reconstruction: Treating the Recurrent/Recalcitrant Belly

Location: W 375B

TRACKS: GEN, PLA

MODERATOR: Charles E. Butler, MD, FACS, *Houston, TX*

CO-MODERATOR: Michael J. Rosen, MD, FACS, *Solon, OH*

This panel will focus on difficult abdominal wall and perineal wounds and conditions. How do you get out of this misfortune? What are the surgical options? How could this have been prevented? How can acellularized dermis and flaps help with wound closure? What are the common trends in managing these difficult problems?

Advanced Techniques for Management of Abdominal Wall Disasters: Evisceration, Fistulas, Infected Mesh, and Other Adversity

Michael J. Rosen, MD, FACS, *Solon, OH*

Prevention and Treatment Strategies for Perioperative Perineal/Pelvic Wound Complications

Steven D. Wexner, MD, FACS, *Weston, FL*

Management of Intermediate and Late Abdominal Wall Problems in Trauma Patients

Michael F. Rotondo, MD, FACS, *Greenville, NC*

Advanced Reconstructive Techniques to Prevent and Treat Abdominal Wall and Perineal Catastrophes

Charles E. Butler, MD, FACS, *Houston, TX*

Panel Discussion

Sponsored by the Advisory Council for Plastic and Maxillofacial Surgery

PS224 | 2:30 - 4:00 pm

Adding Head and Neck Ultrasound to Your Practice: Benefits and Steps to Get Going

Location: W 176

TRACKS: GEN, OTO

MODERATOR: Lisa A. Orloff, MD, FACS, *San Francisco, CA*

CO-MODERATOR: Quan-Yang Duh, MD, FACS, *San Francisco, CA*

This session reviews the benefits for surgeons (and their patients) who are contemplating the addition of this imaging technique to their practice. The logistics of becoming certified, choosing equipment and vendors, billing, complying with regulations, and working the technique into an already busy office practice will be covered.

Introduction: Head and Neck Applications of Ultrasound

Lisa A. Orloff, MD, FACS, *San Francisco, CA*

Background, Equipment, Setting-up, and Use as an Educational Tool

Merry E. Sebelik, MD, FACS, *Memphis, TN*

Training, Certification, Relationship to Other Surgical and Nonsurgical Specialties, AIUM

Robert A. Sofferman, MD, FACS, *Burlington, VT*

Documentation, Data Storage, Billing, Compliance, and Privileges

Kresimira M. Milas, MD, FACS, *Cleveland, OH*

USGFNA: How to Incorporate, Logistics, Technical Tips

Cord Sturgeon, MD, FACS, *Chicago, IL*

Intraoperative Use, Logistics, Differences from Office Practice

Quan-Yang Duh, MD, FACS, *San Francisco, CA*

Panel Discussion

Sponsored by the Advisory Council for General Surgery and the Advisory Council for Otolaryngology-Head & Neck Surgery

PS225 | 2:30 - 4:00 pm

Endovascular Management of Acute Vascular Trauma

Location: W 187

TRACKS: TRA, VAS

MODERATOR: Benjamin W. Starnes, MD, FACS, *Seattle, WA*

CO-MODERATOR: Nam T. Tran, MD, *Seattle, WA*

Within the last decade, endovascular technology has revolutionized vascular surgery. With basic endovascular techniques, a wide variety of acute vascular pathology can be managed in the operating room environment and alleviate the need to transport a critically ill patient to the angiography suite. Endovascular surgery can avert the morbidity associated with much more invasive open surgical repair.

Introduction

Remote Hemorrhage Control for the General Surgeon: Balloon Occlusion of the Aorta and Major Blood Vessels

COL Todd E. Rasmussen, MD, USAF MC, FACS, *Fort Sam Houston, TX*

Management of Blunt Thoracic and Abdominal Aorta
Nam T. Tran, MD, *Seattle, WA*

The Hybrid OR: Is It Critical for the Management of the Polytrauma Patients?

Peter H. Lin, MD, FACS, *Houston, TX*

Vascular Trauma Potpourri: Tips and Tricks for Getting Out of Trouble in Tough Situations
Niten Singh, MD, FACS, *Gig Harbor, WA*

Panel Discussion

Sponsored by the Program Committee and Committee on Trauma

PS226 | 2:30 - 4:00 pm

Management of Unusual Lesions of the Biliary Tract: Choledochal Cysts, Gallbladder Cancer, and Cholangiocarcinoma

Location: W 375A

TRACKS: GEN, ONC, PED

MODERATOR: E. Christopher Ellison, MD, FACS, *Columbus, OH*

CO-MODERATOR: Sharon M. Weber, MD, FACS, *Madison, WI*

This session will discuss the types of choledochal cysts, the etiology and which require surgery for the prevention of cholangiocarcinoma and which ones do not; the next steps in treatment based on the histopathology of gall bladder cancer specimens; and principles of therapeutic and palliative management of cholangiocarcinoma.

Choledochal Cysts: What Does the General Surgeon Need to Know

E. Christopher Ellison, MD, FACS, *Columbus, OH*

Management of Gallbladder Cancer Found Incidentally after Laparoscopic Cholecystectomy
Yuman Fong, MD, FACS, *New York, NY*

Advances in the Diagnosis and Surgical Treatment of Hilar Cholangiocarcinoma

Sharon M. Weber, MD, FACS, *Madison, WI*

Role of Liver Transplantation in Cholangiocarcinoma
David F. Mercer, MD, *Omaha, NE*

Panel Discussion

Sponsored by the Advisory Council for General Surgery

PS227 | 2:30 - 4:00 pm

Multidisciplinary Approach to Vaginal Fistulas

Location: W 175

TRACKS: GEN, OBG, URO

MODERATOR: Daniel L. Clarke-Pearson, MD, FACS, FACOG, *Chapel Hill, NC*

CO-MODERATOR: Elizabeth A. Gormley, MD, FACS, *Lebanon, NH*

Diagnosis and management of vesico-vaginal, entero-vaginal, and peritoneo-vaginal fistulas will be presented. Topics will include office and radiologic diagnostic methods, as well as vaginal and surgical repair approaches. Special attention will be paid to recurrent fistula repair, and approach to fistulas resulting from erosion of mesh used to treat urinary incontinence and pelvic organ prolapse.

Rectovaginal Fistula

Catherine A. Matthews, MD, FACOG, FACS, *Chapel Hill, NC*

Vesico-vaginal Fistula

Eric S. Rovner, MD, FACS, *Charleston, SC*

Complex Pelvic Fistulae

Eugene F. Foley, MD, FACS, *Madison, WI*

Panel Discussion

Sponsored by the Advisory Council for Urology and Advisory Council for Gynecology and Obstetrics

PS228 | 2:30 - 4:00 pm

Novel Methods to Prevent and Manage Anastomotic Complications of Intestinal Surgery

Location: W 375DE

TRACKS: CRS, GEN

MODERATOR: Terrell C. Hicks, MD, FACS, *New Orleans, LA*

CO-MODERATOR: Maher A. Abbas, MD, FACS, FASCRS, *Los Angeles, CA*

This session will focus on the use of novel techniques and technologies to prevent and manage anastomotic complications of foregut and hindgut surgery. Biologic and mechanical anastomotic reinforcement methods and technical tips for anastomotic construction and testing, novel methods to manage patients with intestinal perforation, and differences in management of anastomotic complications between foregut and hindgut surgery will be discussed.

The Impact of Anastomotic Leaks

Faek R. Jamali, MD, FACS, *Beirut, Lebanon*

Prevention of Anastomotic Leaks: Old Principles, New Technologies?

Michael J. Stamos, MD, FACS, *Orange, CA*

Management of Bariatrics and Foregut Leaks: What's New?

Michel M. Murr, MD, FACS, *Tampa, FL*

Colorectal Anastomotic Leaks: Operate or Wait?

David A. Margolin, MD, FACS, *New Orleans, LA*

Panel Discussion

Sponsored by the Advisory Councils for the Surgical Specialties

PS229 | 4:15 - 5:45 pm**Achieving the Best Outcomes for the Ostomy Patient: Perfect Stoma Creation and Effective Patient Education***Location: W 375A*

TRACKS: CRS, EDU, GEN

MODERATOR: H. Randolph Bailey, MD, FACS, *Houston, TX*
 CO-MODERATOR: Ajit K. Sachdeva, MD, FACS, FRCSC, *Chicago, IL*

Stoma creation and reversal requires expert surgical technique, consideration of the creases, scars and folds to ensure appliance adherence and extensive patient education to support home management. This panel reviews the current approaches to best outcomes in preparation, stoma creation and reversal. The use of the ACS Ostomy Home Skills Patient Education kit will be included.

Perioperative Preparation and Education for Your Stoma Patient

Michael F. McGee, MD, *Cleveland Heights, OH*

Creating the "Perfect" Stoma

Peter A. Cataldo, MD, FACS, *Burlington, VT*

Reversing the Stoma "Perfectly"

Michael J. Snyder, MD, FACS, *Houston, TX*

Panel Discussion

Sponsored by the Advisory Council for General Surgery and Patient Education Committee

PS230 | 4:15 - 5:45 pm**Making the Most of Breast Imaging: From Diagnosis to Surgical Planning to Follow-Up Care***Location: W 375B*

TRACKS: GEN, ONC

MODERATOR: A. Marilyn Leitch, MD, FACS, *Dallas, TX*
 CO-MODERATOR: Aye Moe Thu Ma, MD, FACS, *New York, NY*

This panel will focus on the optimal integration of breast imaging modalities into surgical breast cancer practice. Specific topics include the emerging breast imaging technologies in comparison with conventional imaging modalities in evaluation of indeterminate findings and in high risk patient; role of MRI and mammography in breast cancer surgical planning; and optimal protocols for postsurgical surveillance for patients treated for breast cancer.

Breast Cancer Detection Beyond Mammogram

Marilyn A. Roubidoux, MD, *Ann Arbor, MI*

Controversies in Breast MRI

Isabelle Bedrosian, MD, FACS, *Houston, TX*

Radiologic Surveillance for Breast Cancer Survivors

Heather B. Neuman, MD, *Madison, WI*

Case Presentations and Panel Discussion

Sponsored by the Program Committee

**PS231 | 4:15 - 5:45 pm****Nobel Prize-Winning Surgeons***Location: W 179*

TRACKS: CEN, GEN

MODERATOR: David V. Feliciano, MD, FACS, *Atlanta, GA*
 CO-MODERATOR: William P. Schecter, MD, FACS, *San Francisco, CA*

The origin and types of Nobel Prizes awarded annually will be discussed, as will brief biographical information on eight of ten surgeons who have received Nobel Prizes in Medicine or Physiology. The varied careers and contributions of Charles B. Huggins and Joseph E. Murray, the two American surgeons who have received Nobel Prizes, will be highlighted.

Origins, Types, and Surgeon Winners of the Nobel Prizes—1909–1990

David V. Feliciano, MD, FACS, *Atlanta, GA*

Charles B. Huggins, MD, FACS—Nobel Prize Winner, 1966

Jeffrey B. Matthews, MD, FACS, *Chicago, IL*

Joseph E. Murray, MD, FACS—Nobel Prize Winner, 1990

Michael J. Zinner, MD, FACS, *Boston, MA*

Panel Discussion

Sponsored by the Advisory Council for General Surgery

PS232 | 4:15 - 5:45 pm**Severe Acute Pancreatitis: What to Do***Location: W 375DE*

TRACK: GEN

MODERATOR: David B. Adams, MD, FACS, *Charleston, SC*
 CO-MODERATOR: Nicholas J. Zyromski, MD, FACS, *Indianapolis, IN*

Acute pancreatitis management remains a cognitive and technical challenge for all general surgeons. The cardinal question is "when do you wait, when do you operate." The answer, why do you wait and why do you operate, will be explained by this panel.

Introduction

David B. Adams, MD, FACS, *Charleston, SC*

In It for the Long Haul: The ICU Perspective

Chad G. Ball, MD, FRCSC, *Calgary, AB*

Should I Take the Gallbladder Out?

Carlos F. Fernandez del Castillo, MD, FACS, *Boston, MA*

Intervention in Necrotizing Pancreatitis: Who, What, When!

Tobias Keck, MD, FACS, *Freiburg, Germany*

The Patient Did What?: Under-recognized Complications in Necrotizing Pancreatitis

Nicholas J. Zyromski, MD, FACS, *Indianapolis, IN*

Panel Discussion

Sponsored by the Program Committee



PS233 | 4:15 - 5:45 pm**Surgical Management of Advanced Skin Cancers of the Head and Neck***Location: W 187*

TRACKS: NEU, TRA

MODERATOR: William W. Shockley, MD, FACS, *Chapel Hill, NC*CO-MODERATOR: Peter C. Neligan, MB, BCH, FACS, *Seattle, WA*

Advanced melanotic and non-melanotic skin cancers often require multidisciplinary treatment. In state-of-the-art surgical treatment, the procedure is often divided between ablative and reconstructive teams. This panel seeks to review the place for surgical treatment among both surgical and non-surgical options, as well as new ablative and reconstructive techniques.

Introduction

Management of Extensive Skin Cancer of the Head and Neck with Bony Invasion

Lawrence J. Gottlieb, MD, FACS, *Chicago, IL*

The Role of Sentinel Lymph Nodes Biopsy in Non-melanoma Skin Cancer of the Head and Neck

David W. Ollila, MD, FACS, *Chapel Hill, NC*

Indications for the Use of Radiation Therapy in the Management of Advanced Skin Cancers of the Head and Neck

Bhisham Chera, MD, *Chapel Hill, NC*

Reconstruction of Major Skin Cancer Defects of the Scalp, Face, and Neck

Peter C. Neligan, MB, BCH, FACS, *Seattle, WA*

Nasal Reconstruction in 2012: Where Do We Stand?

William W. Shockley, MD, FACS, *Chapel Hill, NC*

Panel Discussion

Sponsored by the Advisory Council for Otolaryngology–Head & Neck Surgery and the Advisory Council for Plastic and Maxillofacial Surgery

PS234 | 4:15 - 5:45 pm**Surgical Management and Critical Care for Severe Brain Injuries***Location: W 178*

TRACKS: ONC, OTO, PLA

MODERATOR: Bizhan Aarabi, MD, FACS, FRCSC, *Baltimore, MD*CO-MODERATOR: David O. Okonkwo, MD, *Pittsburgh, PA*

Traumatic brain injury (TBI) remains a significant cause of mortality and morbidity. Indications for craniotomy and craniectomy will be discussed, including recent evidence examining the benefit of specific surgical approaches. The role of critical care management to minimize secondary injury will also be addressed, including fluid management strategies, cutting edge monitoring therapies, and the role of novel pharmaceutical agents.

Glyburide: Novel Pharmaceutical Agents for Treatment of Traumatic Brain Injury (TBI)

J. Marc Simard, MD, FACS, *Baltimore, MD*

Advanced Monitoring Strategies in TBI

Claudia S. Robertson, MD, FCCM, *Houston, TX*

Critical Care and Fluid Management in TBI

Deborah M. Stein, MD, MPH, FACS, FCCM, *Baltimore, MD*

Blast Overpressure in Military TBI

Rocco A. Armonda, MD, *Bethesda, MD*

Decompressive Craniectomy for TBI

Geoffrey T. Manley, MD, PhD, FACS, *San Francisco, CA*

Panel Discussion

Sponsored by the Committee on Trauma

PS235 | 4:15 - 5:45 pm**Team-Based Surgical Care: Who Is the Captain of the Ship?***Location: W 175*

TRACKS: GEN, HP

CO-MODERATOR: John T. Paige, MD, FACS, *New Orleans, LA*CO-MODERATOR: Bryan R. Collier, DO, FACS, *Roanoke, VA*

In team-based surgical care—who is the captain of the ship—hospital administrator, operating room nurse, or surgeon? (Could others be added to surgical teams with potential leadership roles?)

Science of Teamwork: Key Competencies of Highly Reliable Teams

Eduardo Salas, PhD, *Orlando, FL*

Teamwork and Leadership in Trauma and Critical Care

Addison K. May, MD, FACS, *Nashville, TN*

Teamwork and Leadership in Cardiothoracic Surgery

Thoralf M. Sundt, MD, FACS, *Boston, MA*

Teamwork and Leadership in General Surgery

Marty Makary, MD, MPH, FACS, *Baltimore, MD*

Sponsored by the Program Committee

PS236 | 4:15 - 5:45 pm**Simulation: The Future of Surgical Training and Rehearsal***Location: W 176*

TRACK: EDU

MODERATOR: Richard M. Satava, Jr., MD, FACS, *Seattle, WA*CO-MODERATOR: Teodor P. Grantcharov, MD, PhD, FACS, *Toronto, ON*

This panel will present two emerging new steps (open simulator and integrated robotic systems) in the use of virtual reality for surgical skills training and assessment. Competency with these devices will be a requirement for both certification and surgical rehearsal to improve patient safety and care. The panel will not only focus on the technical aspects of the next generation simulators, but also a perspective of clinical usefulness and a practical panel regarding implementation in a surgical simulation center.

New Advances in the Use of Virtual Reality in Surgical Simulation

Richard M. Satava, Jr., MD, FACS, *Seattle, WA*

Open Surgical Surgery Using a Virtual Reality Platform

Howard R. Champion, MD, FACS, *Annapolis, MD*



Patient Safety Outcomes from a Simulation-Based Mandatory Enterprise Central Venous Catheter Curriculum

Mika N. Sinanan, MD, PhD, FACS, *Seattle, WA*

The Decision-Based Simulators

Carla M. Pugh, MD, FACS, *Madison, WI*

Panel Discussion

Sponsored by the Committee on Emerging Surgical Technology and Education

Wednesday, October 3

PS300 | 8:00 - 9:30 am

Hero, Victim, or Criminal? The Surgeon and Suffering

Location: W 475

TRACKS: ETH, GER

MODERATOR: Daniel B. Hinshaw, MD, FACS, *Ann Arbor, MI*
CO-MODERATOR: Ana Berlin, MD, *New York, NY*

This highly interactive panel session will emphasize the use of case-based presentations to illustrate different aspects of suffering within surgical culture. Cases will highlight the suffering of the dying surgical patient, the suffering of the maimed (but cured) surgical patient, suffering (conflict) within the surgical team, and the suffering experienced by surgeons (for example, surgeon grief and burnout). The session will be framed in the context of narrative medicine, an approach that aims to validate the experience of the patient while encouraging creativity and self-reflection in the surgeon.

Introduction

Suffering of the Dying Surgical Patient
Ana Berlin, MD, *New York, NY*

Suffering As a Complication of Surgical Treatment
Erika R. Ketteler, MD, FACS, *Albuquerque, NM*

Suffering within the Surgical Team
Karen J. Brasel, MD, MPH, FACS, *Milwaukee, WI*

Suffering Experienced by Surgeons
Theodore J. Saclarides, MD, FACS, *Maywood, IL*

Concluding Remarks

Sponsored by the Task Force on Surgical Palliative Care

PS301 | 8:00 - 9:30 am

Interventions to Treat Venous Thromboembolism

Location: W 375A

TRACKS: GEN, VAS

MODERATOR: John Blebea, MD, FACS, *Tulsa, OK*
CO-MODERATOR: Lowell S. Kabnick, MD, FACS, FAPh, *New York, NY*

This session will review the indications and contraindications to anticoagulation; management of deep venous thrombosis; indications and contraindications to IVC filters; technical aspects of filter deployment and retrieval; prevention and management of pulmonary embolism; risks for recurrent DVT; treatment

for acute iliofemoral DVT and chronic stenosis; and indication and practice of IVC filters.

Endothermal Heat Thrombosis (EHIT) after Laser/RFA of the Saphenous Vein: Should I Anticoagulate?

Lowell S. Kabnick, MD, FACS, *New York, NY*

New Anticoagulants for the Treatment of DVT: Their Benefits and Risks

Peter K. Henke, MD, FACS, *Ann Arbor, MI*

Thrombolysis: When, Who, and How?

Antonios P. Gasparis, MD, FACS, *Miller Place, NY*

Indications/Contraindications to IVC Filters: Present Status

John Blebea, MD, FACS, *Tulsa, OK*

Technical Aspects of Filter Deployment and Retrieval

Anil P. Hingorani, MD, FACS, *Brooklyn, NY*

Panel Discussion

Sponsored by the Advisory Council for Vascular Surgery

PS302 | 8:00 - 9:30 am

Primer on Necrotizing Soft Tissue Infections

Location: W 375B

TRACK: GEN

MODERATOR: M. Timothy Nelson, MD, FACS, *Albuquerque, NM*

CO-MODERATOR: Heather L. Evans, MD, FACS, *Seattle, WA*

Techniques for early diagnosis of necrotizing soft tissue infections including needle aspiration, ultrasound, open biopsy, and use of the Laboratory Risk Indicator for Necrotizing Fasciitis score will be reviewed. Differentiating the level of infection as well as appropriate incisions for debridement will be discussed. The controversial roles of intravenous immune globulin and hyperbaric oxygen will be discussed, as well. Finally, closure techniques for the general surgeon will be emphasized.

Introduction

Speed Doesn't Kill: Diagnosis, Resuscitation, and Debridement of Necrotizing Fasciitis

Gerald B. Demarest, MD, FACS, *Albuquerque, NM*

The Microbes and the Microenvironment: The Pathophysiology of Necrotizing Fasciitis

Donald E. Fry, MD, FACS, *Chicago, IL*

The Role of the Referral Center: When to Call for Help or Transfer

Heather L. Evans, MD, FACS, *Seattle, WA*

Reconstruction after Debridement for Necrotizing Infections

Tam Ngoc Pham, MD, *Bellevue, WA*

Panel Discussion

Sponsored by the Advisory Council for General Surgery

PS303 | 8:00 - 9:30 am

Quality Programs for Breast Surgeons: What Do I Need to Know?

Location: W 196BC

TRACKS: GEN, ONC

MODERATOR: Cary S. Kaufman, MD, FACS, *Bellingham, WA*



CO-MODERATOR: Eric B. Whitacre, MD, FACS, *Tucson, AZ*

There are three quality programs available specifically for breast surgeons—the Mastery of Breast Surgery Program from the ASBS, the National Accreditation Program for Breast Centers from the ACS, and the National Quality Measures for Breast Centers for Surgeons from the NCBC. The unique values and specific burdens of each program will be discussed.

The Mastery of Breast Surgery Program
Eric B. Whitacre, MD, FACS, *Tucson, AZ*

The National Accreditation Program for Breast Centers
Mahmoud B. El-Tamer, MD, FACS, *New York, NY*

The National Quality Measures for Breast Surgeons
Cary S. Kaufman, MD, FACS, *Bellingham, WA*

Panel Discussion

Sponsored by the Commission on Cancer

PS304 | 8:00 - 9:30 am

Rectal Cancer 2012: Management Is Changing

Location: W 375DE

TRACKS: CRS, GEN, ONC

MODERATOR: George J. Chang, MD, FACS, *Houston, TX*
CO-MODERATOR: Jonathan E. Efron, MD, FACS, *Baltimore, MD*

The multidisciplinary approach to management of rectal cancer has resulted in significant improvements in oncologic outcomes and provides a number of new opportunities for treatment advancement. During this session we will review management strategies in the modern era and explore the new frontiers for individualized therapy.

Introduction

George J. Chang, MD, FACS, *Houston, TX*

Contemporary Outcomes of Multidisciplinary Treatment: Defining Oncologic Benchmarks

Y. Nancy You, MD, MHS, FACS, *Houston, TX*

Laparoscopy and Robotics for Minimally Invasive Radical Rectal Cancer Surgery

Jonathan E. Efron, MD, FACS, *Baltimore, MD*

Personalized Multidisciplinary Therapy

Martin R. Weiser, MD, FACS, *New York, NY*

Local Excision for Organ Preservation in Locally Advanced Disease: Ready for Prime Time?

Daniel Albo, MD, FACS, *Houston, TX*

Panel Discussion

Sponsored by the Program Committee

PS305 | 8:00 - 9:30 am

The Virtual Presence of Trauma Physicians

Location: W 187

TRACKS: INFO, TRA

MODERATOR: Peter Rhee, MD, MPH, FACS, FCCM, *Tucson, AZ*

CO-MODERATOR: Alejandro Gandsas, MD, FACS, *Annapolis, MD*

Telemedicine is now a reality. Technological advancements have allowed for surgeons to better commu-

nicate treating surgical illnesses. This session will go into the details of how the technology is currently used as the technology can be expensive and robust or simple and cheap in some instances. Issues such as how to overcome regulatory hurdles, as well as presenting ideas that can be incorporated in all hospitals today, and the future of telemedicine will be thoroughly presented in an engaging fashion.

Telemedicine the Military Way

Joseph J. DuBose, MD, FACS, *Liberty Hill, TX*

Robotics and Supporting Surgeons in Remote Locations

Antonio Marttos, Jr., MD, *Coconut Grove, FL*

Teletrauma Made in the USA: Cheap and Easy

Bellal Joseph, MD, *Tucson, AZ*

Telemedicine in the ICU: Good for Patients, Saves Everyone Money

Alejandro Gandsas, MD, FACS, *Annapolis, MD*

International Trauma Telemedicine: How Do They Do It?

Rifat Latifi, MD, FACS, *Tucson, AZ*

Panel Discussion

Sponsored by the Committee on Emerging Surgical Technology and Education and Committee on Trauma

PS306 | 8:00 - 11:15 am

Surgical Jeopardy

Location: W 375C

TRACK: RES-MED

MODERATOR: Mark W. Bowyer, MD, FACS, *Bethesda, MD*

CO-MODERATORS:

Nina E. Glass, MD, *New York, NY*

Osama H.M. Hamed, MD, *Hershey, PA*

James E. Wiedeman, MD, FACS, *Mather, CA*

David R. Arbutina, MD, FACS, *Port Matilda, PA*

Raja R. Gopaldas, MD, *Columbia, MO*

A total of 24 teams of two vie to score the most points in this hilariously executed game of knowledge.

Atlanta Medical Center

James M. Stevens, MD, *Atlanta, GA*

Thomas W. Wood, MD, *Atlanta, GA*

Cleveland Clinic

Gavin A. Falk, MB, BCh, BAO, *Cleveland, OH*

Daniel Joyce, MB, BCh, *Cleveland, OH*

Conemaugh Memorial Medical Center

Tutu Cheng, MD, *Johnstown, PA*

Shawna L. Morrissey, DO, *Johnstown, PA*

Geisinger Medical Center

Christopher J. Buzas, DO, *Danville, PA*

Megan M. Rapp, MD, *Danville, PA*

Gundersen Lutheran Medical Foundation

Timothy J. Berkseth, MD, *La Crosse, WI*

Jill S. Ties, MD, *La Crosse, WI*

Inova Fairfax Hospital

Timothy A. Plerhoples, MD, *Falls Church, VA*

Caroline L. Arthur, MD, *Burke, VA*

Lehigh Valley Health Network

Margaret M. Moore, MD, *Allentown, PA*

Ryan A. Lawless, MD, *Breinigsville, PA*

Medical College of Wisconsin

Hani Y. Hasan, MD, *Milwaukee, WI*
 Elliot Asare, MD, *Wauwatosa, WI*

Medical University of South Carolina

Mark R. Onady, MD, *Charleston, SC*
 Brent M. Jewett, MD, *Charleston, SC*

Methodist Hospital

Albert Yung Hsiang Huang, MD, *Houston, TX*
 Rohan A. Joseph, MD, *Houston, TX*

Michigan State University

Elizabeth A. Steensma, MD, *Kalamazoo, MI*
 Alain R. Elian, MD, *Kalamazoo, MI*

NCC General Surgery/Walter Reed

Donald J. Lucas, MD, *Bethesda, MD*
 Ryan M. Walk, MD, *Washington, DC*

Northwestern University

Seth B. Krantz, MD, *Chicago, IL*
 Tammy L. Kindel, MD, PhD, *Chicago, IL*

Southern Illinois University

Chad Gonczy, MD, *Springfield, IL*
 Michael J. Thomas, MD, *Springfield, IL*

Texas A&M University

Justin Hunt, MD, *Temple, TX*
 Matt Jordan, MD, *Temple, TX*

Tulane University

Ryan K. Couvillion, MD, *New Orleans, LA*
 Mary C. Ghery, MD, *New Orleans, LA*

UMDNJ-Robert Wood Johnson

Timothy Danish, MD, *New Brunswick, NJ*
 Negar M. Salehomoum, MD, *New Brunswick, NJ*

University of Arizona

Albert Amini, MD, *Tucson, AZ*
 Jessica F. Rose, DO, *Tucson, AZ*

University of Cincinnati

Angela M. Ingraham, MD, *Chicago, IL*
 Patrick D. Solan, MD, *Cincinnati, OH*

University of Florida

Maryam B. Tabrizi, MD, *Jacksonville, FL*
 Bao-Thuy Duy Hoang, MD, *Casselberry, FL*

University of Michigan

Robert W. Krell, MD, *Ann Arbor, MI*
 Danielle M. Fritze, MD, *Ann Arbor, MI*

University of Mississippi Medical Center

William L. Cauthen, MD, *Jackson, MS*
 Andrew C. Gaugler, DO, *Jackson, MS*

University of Nevada

Kevin L. Grimes, MD, *Las Vegas, NV*
 Chantal Reyna, MD, *Las Vegas, NV*

Washington University

Dominic E. Sanford, MD, *St. Louis, MO*
 Shoichi Okada, MD, *St. Louis, MO*

Sponsored by the Resident and Associate Society

PS307 | 9:45 - 11:15 am**Devastating Pelvic Trauma**

Location: W 375B

TRACKS: TRA, URO



MODERATOR: Ernest E. Moore, MD, FACS, *Denver, CO*

CO-MODERATOR: Philip F. Stahel, MD, FACS, *Denver, OH*

Severe pelvic trauma remains a challenge as an immediate threat for death as well as long term morbidity. Recent changes in treatment paradigms will be discussed including the roles for preperitoneal packing, angioembolization, and early fracture stabilization. The challenge of associated urologic injuries and open pelvic fractures will also be reviewed.

Pelvic Packing

Clay C. Burlew, MD, FACS, *Denver, CO*

Selective Angioembolization

Ronald V. Maier, MD, FACS, *Seattle, WA*

Skeletal Fixation

Wade R. Smith, MD, FACS, *Danville, PA*

Urologic Injuries

Michael Coburn, MD, FACS, *Houston, TX*

Open Pelvic Fractures

Bruce H. Ziran, MD, *Atlanta, GA*

Panel Discussion

Sponsored by the Advisory Council for Urology and Committee on Trauma

PS308 | 9:45 - 11:15 am**Have You Had a Surgical Site Infection Lately?**

Location: W 375A



TRACK: GEN

MODERATOR: Mary T. Hawn, MD, FACS, *Birmingham, AL*

CO-MODERATOR: Elizabeth C. Wick, MD, FACS, *Baltimore, MD*

This session will review the evidence behind surgical site infection prevention. The role of prophylactic antibiotics, topical wound prophylaxis, and adjuncts such as antibiotic impregnated products in reducing surgical site infections will be discussed.

Antibiotic Prophylaxis (beyond SCIP) and Wound Management: What Processes Will Reduce My Surgical Site Infection Rate?

Donald E. Fry, MD, FACS, *Chicago, IL*

Surgical Site Infection: What Is It? Who Is Measuring, Reporting and Monitoring It? Will It Affect My Payment or Quality Rating?

Bruce L. Hall, MD, PhD, FACS, *St. Louis, MO*

Debate: How Should Surgical Quality Be Measured? Process Measures vs. Outcome Measures

Sponsored by the Advisory Council for General Surgery

PS309 | 9:45 - 11:15 am**Improving the Quality of Surgical Care Around the World**

Location: W 475



TRACKS: EDU, HUM, INT

MODERATOR: Clifford Y. Ko, MD, MSHS, FACS, *Chicago, IL*

CO-MODERATOR: Caprice C. Greenberg, MD, MPH, FACS, *Madison, WI*

This session will explore current global surgery quality improvement initiatives, describe existing international partnerships aimed at improving quality, and provide a framework for surgeons interested in a career in this area.

Surgical Leadership in Improving Trauma Care in Victoria, Australia

Russell Gruen, MB, BS, PhD, FRACS, *Location*

The American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP®) and the International Community

Clifford Y. Ko, MD, MSHS, FACS, *Chicago, IL*

A Sustained Partnership to Improve Health Care in Nigeria

Fiemu E. Nwariaku, MB, BS, FACS, *Dallas, TX*

Evidence from Three Continents on Improving Surgical Safety

Atul A. Gawande, MD, MPH, FACS, *Boston, MA*

Panel Discussion

Sponsored by the International Relations Committee

PS310 | 9:45 - 11:15 am

Surgical Management of Metastatic Cancer in the Abdomen

Location: W 375DE

TRACKS: CRS, GEN, OBG, ONC

MODERATOR: James W. Fleshman, MD, FACS, *St. Louis, MO*

CO-MODERATOR: David L. Bartlett, MD, FACS, *Pittsburgh, PA*

Patients with carcinomatosis from an intestinal or gynecologic primary now have hope. There is new interest in cytoreductive surgery combined with heated intraperitoneal chemotherapy and new systemic treatments. The relative value of these aggressive therapies will be debated by a panel of experts in the fields of colorectal surgery, surgical oncology, and gynecologic oncologic surgery.

Debulking and Selective Peritoneal Stripping for Carcinomatosis

Syed A. Ahmad, MD, FACS, *Cleveland, OH*

HIPEC Treatment of Colorectal Carcinomatosis

H. Richard Alexander, MD, FACS, *Baltimore, MD*

Delayed Intraperitoneal Chemotherapy for Ovarian Carcinomatosis

Matthew A. Powell, MD, *St. Louis, MO*

Delayed Repeated Intraperitoneal and Systemic Chemotherapy for Colorectal Carcinomatosis

Benjamin R. Tan, Jr., MD, *St. Louis, MO*

Panel Discussion

Sponsored by the Advisory Council for Colon and Rectal Surgery and the Advisory Council for General Surgery

PS311 | 12:45 - 2:15 pm

Career Advancement for the New Academic Surgeon

Location: W 375A

TRACKS: EDU, RES-MED

MODERATOR: Joshua M. V. Mammen, MD, PhD, FACS, *Kansas City, KS*

CO-MODERATOR: John C. Alverdy, MD, FACS, *Chicago, IL*

There are many pitfalls that can derail an otherwise promising career of a new attending surgeon. This panel session will address these pitfalls and provide concrete advice on how to hit the ground running in one's first academic job. Panelists will discuss functional mentorship, effective time management, positive self-promotion, and tactful negotiation with leadership.

Introduction

I Finally Found My Dream Job: Unexpected Nightmares of My New Career in Academia

Heena P. Santry, MD, FACS, *Worcester, MA*

Positive Self-Promotion: Marketing Yourself As New Faculty

Sherry M. Wren, MD, FACS, *Palo Alto, CA*

Writing Is Like Flossing and Other Tips for Effective Time Management

Hasan B. Alam, MD, FACS, *Boston, MA*

Negotiation for New Faculty: Understanding the Give and Take to Achieve Success

Hilary A. Sanfey, MB, BCh, FACS, *Springfield, IL*

Functional Mentorship: Moving beyond Research and Clinical Similarities

John C. Alverdy, MD, FACS, *Chicago, IL*

Panel Discussion

Sponsored by the Resident and Associate Society

PS312 | 12:45 - 2:15 pm

Does the Science Support Extending Bariatric Surgery to New Populations?

Location: W 178

TRACK: GEN

MODERATOR: Eric S. Hungness, MD, FACS, *Chicago, IL*

CO-MODERATOR: Tammy L. Kindel, MD, PhD, *Chicago, IL*

Bariatric surgery has been shown to be effective in the majority of adult patients with class 2 or 3 obesity to achieve sustained weight loss and improve co-morbidities. Over the past few years, bariatric surgery has been expanded to include additional populations of patients including low BMI (<35 or class I obesity), adolescents, elderly, advanced non-alcoholic steatohepatitis with/-out cirrhosis, and pre- and post-transplant patients. The goal of this session is to understand what science exists to support extending bariatric surgery to these populations.

Does the Science Support Extending Bariatric Surgery to Patients with BMI <35?

Christine Ren Fielding, MD, FACS, *New York, NY*

Does the Science Support Extending Bariatric Surgery to Adolescents?

Thomas H. Inge, MD, FACS, *Cincinnati, OH*



Does the Science Support Extending Bariatric Surgery to the Elderly?

Sayeed Ikramuddin, MD, FACS, *Minneapolis, MN*

Does the Science Support Extending Bariatric Surgery to Patients with Advanced NASH/Cirrhosis?

Ronald H. Clements, MD, FACS, *Nashville, TN*

Does the Science Support Extending Bariatric Surgery to Pre- and Post-Transplant Patients?

Dana D. Portenier, MD, FACS, *Durham, NC*

Panel Discussion

Sponsored by the Program Committee

PS313 | 12:45 - 2:15 pm

Experts on the Hot Seat: Challenging Trauma and Emergency Surgery Cases

Location: W 375B

TRACK: TRA

MODERATOR: George C. Velmahos, MD, FACS, *Boston, MA*

CO-MODERATOR: Therese M. Duane, MD, FACS, *Richmond, VA*

This is an interactive session in which interesting trauma and acute care surgery cases will be presented to the experts. Although the session will encourage diverse opinions and a lively discussion, the audience will not be left confused about the different options. Solid conclusions will be drawn at the end of each discussion, summarizing the options and making specific recommendations, based on the experts' opinions and published evidence.

Penetrating Trauma

Walter L. Biffl, MD, FACS, *Denver, CO*

George D. Garcia, MD, FACS, *Miami, FL*

Elliott R. Haut, MD, FACS, *Baltimore, MD*

Kenji Inaba, MD, FACS, FRCS, *Los Angeles, CA*

Jack Sava, MD, FACS, *Washington, DC*

Blunt Trauma

Vicente H. Gracias, MD, FACS, *New Brunswick, NJ*

Rosemary A. Kozar, MD, FACS, *Houston, TX*

Marc A. de Moya, MD, FACS, *Boston, MA*

Patrick M. Reilly, MD, FACS, *Philadelphia, PA*

Michael F. Rotondo, MD, FACS, *Greenville, NC*

Emergency Surgery

Hasan B. Alam, MD, FACS, *Boston, MA*

Timothy D. Browder, MD, FACS, *Las Vegas, NV*

Carlos V. R. Brown, MD, FACS, *Austin, TX*

Juan Carlos Puyana, MD, FACS, FRCS, FACP, *Pittsburgh, PA*

Ali Salim, MD, FACS, *Los Angeles, CA*

Sponsored by the Committee on Trauma

PS314 | 12:45 - 2:15 pm

Operative Techniques in Colorectal Surgery: Tricks of the Trade

Location: W 375DE

TRACKS: CRS, GEN

MODERATOR: Robert D. Madoff, MD, FACS, *Minneapolis, MN*

CO-MODERATOR: Justin A. Maykel, MD, FACS, *Worcester, MA*

Expert surgeons will share their collective wisdom regarding optimal operative techniques in colorectal surgery. This session will focus on the technical performance of colorectal procedures in the abdomen, pelvis, and anorectum and will include images and videos.

Introduction

Robert D. Madoff, MD, FACS, *Minneapolis, MN*

Case Presentation

Simplifying the Complex Anal Fistula

Stanley M. Goldberg, MD, FACS, *Minneapolis, MN*

Case Presentation

Optimizing Colorectal Surgery in the Obese Patient

Matthew F. Kalady, MD, FACS, FASCRS, *Cleveland, OH*

Case Presentation

TME: Technical Tips for a Perfect Resection

James W. Fleshman, MD, FACS, *St. Louis, MO*

Case Presentation

Laparoscopic Surgery for Crohn's Disease

Alessandro Fichera, MD, FACS, FASCRS, *Chicago, IL*

Case Presentation

Single Incision Laparoscopic Colectomy

Bradley J. Champagne, MD, FACS, FASCRS, *Cleveland, OH*

Panel Discussion

Sponsored by the Advisory Council for Colon and Rectal Surgery

PS315 | 12:45 - 2:15 pm

Preventing and Managing Thyroid and Parathyroid Surgical Complications: The Anatomy of Thyroid Surgical Complications

Location: W 187

TRACKS: GEN, OTO

MODERATOR: Gregory W. Randolph, MD, FACS, *Boston, MA*

CO-MODERATOR: Clive S. Grant, MD, FACS, *Rochester, MN*

Successful thyroid and parathyroid surgery depends on knowledge of anatomy. This panel will review an anatomic approach to prevention of surgical complications including injury to the recurrent and superior laryngeal nerves, parathyroid glands as well as spinal accessory, phrenic and thoracic duct during thyroid and lateral neck surgery.

Introduction

Recurrent Laryngeal Nerve Injury Prevention

Samuel K. Snyder, MD, FACS, *Tempe, TX*

Parathyroid Preservation

Quan-Yang Duh, MD, FACS, *San Francisco, CA*

Superior Laryngeal Nerve Injury Prevention

Jeremy L. Freeman, MD, FACS, *Toronto, ON*

Avoidance of Spinal Accessory, Phrenic and Thoracic Duct Injury during Lateral Neck Dissection

Gary L. Clayman, MD, FACS, *Houston, TX*

Case Presentation

Panel Discussion

Sponsored by the Advisory Council for General Surgery and the Advisory Council for Otolaryngology-Head & Neck Surgery

PS316 | 12:45 - 4:00 pm
The College's International Guest Scholars and Travelers 2012

Location: W 184A

TRACKS: EDU, HUM, INT

MODERATOR: Herbert Chen, MD, FACS, *Madison, WI*
 CO-MODERATOR: Graham T. Layer, MA, DM, MCh, FRC, FRCSEd, FACS, *Cobham, United Kingdom*

In this session, the scholars from the various international programs of the American College of Surgeons will present on their research and provide their perspectives on surgical practice and training in their home countries.

Surgery and Public Health: A Strategy to Make Research in Developing Countries

Alvaro E. Sanabria, MD, MSc, PhD, FACS, *Bogota, Colombia*

Training in General Surgery in Nigeria: The Trainee's Perspective

Emmanuel O. Ojo, MB, ChB, *Jos, Nigeria*

Optimizing the Performance of Shockwave Lithotripsy

Anthony Chi-Fai Ng, MB, ChB, MD, *Hong Kong, China*

HIV and Renal Failure: The Challenges Utilizing HIV Positive Donors for Transplantation

Elmi Muller, MB, ChB, MMed, *Cape Town, South Africa*

Surgery for Snoring and Obstructive Sleep Apnea: Rationale, Current Advances, and Evidence-Based Outcomes

Hsin-Ching Lin, MD, FACS, *Kaohsiung City, Taiwan*

Has New Technology Improved the Outcomes of Elective Surgery?: An Endocrine Surgeon's Perspective

Brian Hung-Hin Lang, MB, BS, MS, *Hong Kong, China*

Advances in Laparoscopic Surgery in a Teaching Hospital in India

Pawanindra Lal, MB, BS, *Delhi, India*

The Challenging High-Risk Neuroblastoma: From Lab to Surgery

Lucas Krauel, MD, *Barcelona, Spain*

Extra Hepatic Peri-Biliary Cyst Presenting with Obstructive Jaundice—A Rare Clinico-pathological Entity That Needs Special Attention to Practicing Hepato-Biliary Surgeons and Radiologists

Maria Antony Johnson, MB, BS, MS, FRCS, FACS, M.Ch, *Nagercoil, India*

The Neoadjuvant Gonadotropin-Releasing Hormone Therapy Before Surgery and Impact in Fertility Index in Undescended Testes: A Prospective Randomized Trial

Mohamed Jallouli, MD, *Sfax, Tunisia*

Adjusted Aminotransferases: A More Accurate Marker for Liver Remnant Monitoring Following Extended Liver Resections

Nikolaos Arkadopoulos, MD, FACS, *Kifissia, Greece*



Surgical Stabilization of Flail Chest with Easyprot (c) Acrylic Prothesis

Julio L. Trostchansky, MD, FACS, *Montevideo, Uruguay*

Current Management of Complications in Pancreatic Surgery

Marco Niedergethmann, MD, PhD, *Mannheim, Germany*

Clinical Impact of Circulating MicroRNAs in Digestive Tract Cancers

Shuhei Komatsu, MD, PhD, *Kyoto, Japan*

Surgical Training: An Australian Fellow's Perspective

John R. Beer, MD, *Kew, Australia*

Challenge to the Development of Surgical Education in Japan

Yo Kurashima, MD, FACS, *Sapporo, Japan*

Surgical Education in Thailand

Kasaya Tantiphachiva, MD, *Bangkok, Thailand*

Sponsored by the International Relations Committee

PS317 | 2:30 - 4:00 pm

Obstetric Hemorrhage: They Might Call You

Location: W 375A

TRACKS: GEN, OBG

MODERATOR: Mitchell I. Edelson, MD, FACS, *Abington, PA*

CO-MODERATOR: Alhambra Frarey, MD, *Prairie Village, KS*

This session will address the management approaches to uncontrolled hemorrhage after vaginal or cesarean delivery. Topics will include vaginal and abdominal approaches for the repair of extensive vaginal or cervical lacerations, and abdominal strategies including uterine compression sutures and ligation of uterine and hypogastric arteries. Non-surgical approaches will also be addressed.

Introduction

Alhambra Frarey, MD, *Prairie Village, KS*

Surgical Approach to Obstetric Hemorrhage

Jason D. Wright, MD, *New York, NY*

Nonsurgical Management Options

Mitchell I. Edelson, MD, FACS, *Abington, PA*

Panel Discussion

Sponsored by the Advisory Council for Gynecology and Obstetrics

PS318 | 2:30 - 4:00 pm

Reoperative Abdominal Surgery after a Previous "Catastrophe"

Location: W 375DE

TRACK: GEN

MODERATOR: Vicente H. Gracias, MD, FACS, *New Brunswick, NJ*

CO-MODERATOR: Kenji Inaba, MD, FACS, FRCS, *Los Angeles, CA*

Reoperations in patients with granulation plates, split-thickness skin grafts over the midgut, multiple enterocutaneous fistula, and misplaced stomas or new onset abdominal problems pose difficult tech-



nical problems for the general surgeon. Innovative operative approaches and techniques of coverage will be reviewed.

Entero-atmospheric Fistulae: Aggression Is the Better Part of Valor?

Vicente H. Gracias, MD, FACS, *New Brunswick, NJ*

Frustrating Meshes: Erosions, Infections, and Fistulas—Oh, My!

John P. Kirby, MD, FACS, *St. Louis, MO*

Definitive Abdominal Wall Reconstruction: When, How, and Why?

Martin A. Croce, MD, FACS, *Memphis, TN*

Panel Discussion

Sponsored by the Advisory Council for General Surgery

PS319 | 2:30 - 4:00 pm

Surgical Management of Inflammatory Bowel Disease

Location: W 375B

TRACKS: CRS, GEN

MODERATOR: Lisa S. Poritz, MD, FACS, FASCRS, *Hershey, PA*

CO-MODERATOR: Rafael E. Figueroa, MD, *Farmington, MO*

The management of patients suffering from inflammatory bowel disease (IBO) can be complex. This panel will address topics that surgeons face on a daily basis in their treatment of patients with ulcerative colitis and Crohn's disease, including indeterminate colitis, perianal Crohn's, complex intestinal Crohn's disease, laparoscopy for inflammatory bowel disease, and the fate of the retained transition zone following double stapled restorative proctocolectomy.

Introduction

Lisa S. Poritz, MD, FACS, FASCRS, *Hershey, PA*

Using Genetics to Alter Surgical Management of IBD: Are We There Yet?

Walter A. Koltun, MD, FACS, FASCRS, *Hershey, PA*

Surgery for Complex Intra-abdominal Crohn's Disease

Alessandro Fichera, MD, FACS, FASCRS, *Chicago, IL*

Current Management of Indeterminate Colitis: Is There Anything New?

Elizabeth C. Wick, MD, FACS, *Baltimore, MD*

Dysplasia and Colorectal Cancer in IBD: Has Biologic Therapy Changed the Surgical Management?

Susan Galandiuk, MD, FACS, *Louisville, KY*

Panel Discussion

Sponsored by the Advisory Council for Colon and Rectal Surgery

PS320 | 2:30 - 4:00 pm

Taming the Unruly Colleague

Location: W 196BC

TRACK: EDU

MODERATOR: Amalia L. Cochran, MD, FACS, *Salt Lake City, UT*

CO-MODERATOR: Gregory S. Cherr, MD, FACS, *Buffalo, NY*

Disruptive physician behavior is receiving increasing attention, including being an area of interest to The Joint Commission. Many studies have identified surgeons as the most common offenders as disruptive physicians. This session will examine the process of dealing with disruptive surgical colleagues.

Defining Disruptive Behavior

Stephen R. T. Evans, MD, FACS, *Washington, DC*

The Good, the Bad, and the Ugly: Dealing with Doctors Behaving Badly

Patricia J. Numann, MD, FACS, *Syracuse, NY*

Pursuing Professional Accountability: A Plan

Gerald B. Hickson, MD, *Nashville, TN*

Panel Discussion

Sponsored by the Program Committee and Women in Surgery Committee

PS321 | 2:30 - 4:00 pm

What's New in Blood Transfusion and Colloid Resuscitation

Location: W 375C

TRACKS: GEN, TRA

MODERATOR: T. Forcht Dagi, MD, MPH, MTS, DMedSc, FAANS, FACS, FCCM, *Newton Centre, MA*

CO-MODERATOR: Hasan B. Alam, MD, FACS, *Boston, MA*

This session will provide an overview of recent advances in the management of transfusion and the use of blood products for resuscitation. This session targets all surgical specialties contending with blood loss and surgical intensivists.

Introduction

Patient Blood Management

Beth H. Shaz, MD, *New York, NY*

Massive Transfusion and Coagulopathy: Evolving Treatment Paradigms

Hasan B. Alam, MD, FACS, *Boston, MA*

Panel Discussion

Sponsored by the Committee on Perioperative Care

PS322 | 2:30 - 5:45 pm

Ethics Colloquium: Ethical Issues and the Tension between Older and Younger Surgeons

Location: W 187

TRACKS: EDU, ETH

MODERATOR: Richard B. Fratianne, MD, FACS, *Cleveland, OH*

CO-MODERATOR: Luke P. Brewster, MD, PhD, MA, *Decatur, GA*

PANELISTS:

Richard B. Fratianne, MD, FACS, *Cleveland, OH*

Mary H. McGrath, MD, FACS, *San Francisco, CA*

Richard B. Reiling, MD, FACS, *Charlotte, NC*

Mark Siegler, MD, *Chicago, IL*

Older surgeons and those who practice with them face a variety of issues with ethical implications. Cases to be debated will illustrate potential conflicts

related to mandatory retirement, diminishing skills, personality changes, and increased liability risks arising between younger and older surgeons. The audience response system will enable participants to give real-time input into the discussion of ethical questions, arguments given by the debaters, and opinions of the panelists.

Case #1

Wayne A. I. Frederick, MD, FACS, *Washington, DC*
David B. Hoyt, MD, FACS, *Chicago, IL*

Case #2

Atef A. Salam, MD, FACS, *Atlanta, GA*
Emily R. Winslow, MD, *Madison, WI*

Case #3

Eric A. Singer, MD, *Bethesda, MD*
Jahnnavi K. Srinivasan, MD, *Atlanta, GA*

Case #4

Raymond F. Morgan, MD, FACS, *Charlottesville, VA*
Piero M. A. Fisichella, MD, FACS, *Maywood, IL*

Sponsored by the Committee on Ethics

PS323 | 4:15 - 5:45 pm

The Committee on Trauma (COT) of the American College of Surgeons: Past, Present, and Future

Location: W 375DE

TRACKS: CEN, GEN, TRA

MODERATOR: Donald D. Trunkey, MD, FACS, *Portland, OR*
CO-MODERATOR: Michael F. Rotondo, MD, FACS, *Greenville, NC*

From its inception as the Committee on Fractures to its current iteration as the Committee on Trauma, the role of the ACS in maintaining excellence in injury care will be reviewed. The history, current state, and future directions of the COT will be discussed.

Past

C. Thomas Thompson, MD, FACS, *Tulsa, OK*

Present

Michael F. Rotondo, MD, FACS, *Greenville, NC*

Future

Donald D. Trunkey, MD, FACS, *Portland, OR*

Panel Discussion

Sponsored by the Committee on Trauma

PS324 | 4:15 - 5:45 pm

Genetic Evaluation of Colorectal Cancer: A New Mandate?

Location: W 375A

TRACKS: BTR, CRS, GEN, ONC

MODERATOR: C. Neal Ellis, MD, FACS, *Pittsburgh, PA*
CO-MODERATOR: William J. Harb, MD, FACS, *Nashville, TN*

Personalized management of colorectal cancer is based on an assessment of an individual patient's prognosis. There are a number of genetic markers that have been shown to be helpful to more accurately predict a patient's risk of disease progression

and response to therapy. This session will describe these genetic markers and discuss their usefulness in choosing among the treatment modalities available for the management of colorectal cancer.

Genetic Evaluation of Colorectal Cancer: Is It Relevant?

C. Neal Ellis, MD, FACS, *Pittsburgh, PA*

Microsatellite Instability: Useful in Surgical Decision Making?

Eric L. Marderstein, MD, FACS, *Cleveland, OH*

Gene Chips: Applicable in the Evaluation of Patients with Colorectal Cancer?

Andreas M. Kaiser, MD, FACS, *Los Angeles, CA*

Other Genes: Making Sense of the Alphabet Soup

Melanie Morris, MD, *Birmingham, AL*

Case Presentation

Panel Discussion

Sponsored by the Program Committee

PS325 | 4:15 - 5:45 pm

Mentoring and Monitoring Your Partners

Location: W 196BC

TRACKS: EDU, RES-MED

MODERATOR: Stanley W. Ashley, MD, FACS, *Boston, MA*
CO-MODERATOR: Carla M. Pugh, MD, FACS, *Madison, WI*

Surgical mentors and senior partners are often critical in solidifying the knowledge, skills, and attitudes necessary for successful completion of the junior surgeon's first years in practice. This session will include a panel discussion with highly regarded, successful mentors and recent mentees on best practices in patient selection, leadership and time management. Implications for patient safety and ongoing professional development will be discussed.

Getting the Most Out of Your Mentor

Jacob A. Greenberg, MD, EdM, *Madison, WI*

Mentoring and Monitoring Your Partners in Community Practice

Thomas H. Cogbill, MD, FACS, *La Crosse, WI*

Setting Realistic Goals

Courtney M. Townsend, Jr., MD, FACS, *Galveston, TX*

The First 90 Cases in the Operating Room

Fabrizio Michelassi, MD, FACS, *New York, NY*

Panel Discussion

Sponsored by the Committee on Continuous Professional Development and Surgical Research Committee

PS326 | 4:15 - 5:45 pm

Papillary Thyroid Cancer: What You Thought You Already Knew

Location: W 375C

TRACKS: GEN, ONC, OTO

MODERATOR: Kresimira M. Milas, MD, FACS, *Cleveland, OH*
CO-MODERATOR: David J. Terris, MD, FACS, *Augusta, GA*

The role of circulating thyrotropin receptor mRNA in patients with indeterminate or suspicious thyroid cytology will be discussed. The extent of thyroid resection and nodal removal in patients with thyroid microcarcinomas will be reviewed. Available chemotherapy and need for reoperation in aggressive papillary cancer that has recurred after treatment with radioactive iodine will be reviewed.

The Significance and Appropriate Management of Minimal Disease Burden

Antonia E. Stephen, MD, FACS, *Boston, MA*

Advances in Minimally Invasive and Remote Access Surgery

David J. Terris, MD, FACS, *Augusta, GA*

When Is Central Neck Dissection Appropriate?: The Case for Routine Dissection

Leigh W. Delbridge, MB, BS, FACS, *St. Leonards, Australia*

When Is Central Neck Dissection Appropriate?: The Case for Selective Dissection

Gregory W. Randolph, MD, FACS, *Boston, MA*

Management of Aggressive Papillary Thyroid Cancer

Joseph Scharpf, MD, FACS, *Chagrin Falls, OH*

Present and Future Impact of Molecular Medicine in Thyroid Cancer

Kresimira M. Milas, MD, FACS, *Cleveland, OH*

Panel Discussion

Sponsored by the Advisory Council for Otolaryngology-Head & Neck Surgery and the Advisory Council for General Surgery

PS327 | 4:15 - 5:45 pm

Preparing Tomorrow's Global Surgeons

Location: W 475

TRACKS: EDU, HUM, INT, RES-MED

MODERATOR: Nancy L. Gantt, MD, FACS, *Youngstown, OH*
CO-MODERATOR: Michael K. Obeng, MD, FACS, *Boardman, OH*

This panel will discuss disaster preparedness and the “generalist” surgeon training required for global health experiences, focusing on curricular inclusion throughout medical school and residency. Student and resident opportunities to participate clinically, attendant issues, and mentorship of surgeons-in-training to promote their passion for service will also be discussed.

Resources for Residents Interested in Global Surgery

Kathleen M. Casey, MD, FACS, *Newport, RI*

International Resident Involvement: How Can We Do It?

Jonathan M. Saxe, MD, FACS, *Dayton, OH*

Surgery As Global Health: Challenges and Obstacles

John L. Tarpley, MD, FACS, FWACS, *Nashville, TN*

Sponsored by the Committee on Medical Student Education

PS328 | 4:15 - 5:45 pm

Progress and Current Controversies in the Management of Melanoma

Location: W 375B

TRACKS: GEN, ONC

MODERATOR: Danny M. Takanishi, MD, FACS, *Honolulu, HI*
CO-MODERATOR: Daniel G. Coit, MD, FACS, *New York, NY*

This session will utilize a panel of faculty to provide educational content that will encompass progress made in the evidence-based treatment of melanoma, at the same time highlighting some of the current controversies still being debated.

Case Vignettes

The Evidence behind “Optimal” Margins of Excision

Mark B. Faries, MD, FACS, *Santa Monica, CA*

Evidence-based Use of Lymphatic Mapping and Sentinel Lymph Node Biopsy

Michael S. Sabel, MD, FACS, *Ann Arbor, MI*

What Should Be Done When A Positive Sentinel Lymph Node Is Identified?

Daniel G. Coit, MD, FACS, *New York, NY*

The Challenge of In-Transit Metastases

Danny M. Takanishi, MD, FACS, *Honolulu, HI*

The Approach to Advanced Disease

Charlotte E. Ariyan, MD, FACS, *New York, NY*

Panel Discussion

Sponsored by the Commission on Cancer

PS329 | 4:15 - 5:45 pm

Sexual Dysfunction: Diagnosis and Management

Location: W 192

TRACK: URO

MODERATOR: Kevin T. McVary, MD, FACS, *Chicago, IL*
CO-MODERATOR: Robert E. Brannigan, MD, *Chicago, IL*

Sexual dysfunction is a prevalent disease with aging. Cardiovascular disease, diabetes, prior pelvic surgery, or other medical conditions may also affect sexual function. The management of sexual dysfunction continues to evolve, and depends on the accurate recognition of its etiology. The panel participants will present information on the underlying causes of sexual dysfunction, the best methods for diagnosis, and the wide array of treatment options.

Current State of the Art for the Diagnosis and Evaluation of Erectile Dysfunction (ED)

Tobias S. Kohler, MD, *Springfield, IL*

Androgen Hormone Replacement Therapy Agents: Are They Safe?

Robert E. Brannigan, MD, *Chicago, IL*

Treatment of ED: Pills and Pellets through Prostheses

Eric L. Laborde, MD, *New Orleans, LA*

Panel Discussion

Sponsored by the Advisory Council for Urology

Thursday, October 4

PS400 | 8:00 - 9:30 am

Acute Care Surgery: A Typical Night on Call

Location: W 375B

TRACKS: GEN, TRA

MODERATOR: Carlos V. R. Brown, MD, FACS, *Austin, TX*

CO-MODERATOR: Ali Salim, MD, FACS, *Los Angeles, CA*

Taking call as an acute care surgeon means you may see anything and everything. This exciting session takes the participant through a busy night of acute care surgery call. Exciting cases in trauma, emergency surgery, and surgical critical care will be presented and discussed by a panel of experts.

PANELISTS:

Karen J. Brasel, MD, MPH, FACS, *Milwaukee, WI*

Martin A. Croce, MD, FACS, *Memphis, TN*

Kenji Inaba, MD, FACS, FRCSC, *Los Angeles, CA*

Matthew J. Martin, MD, FACS, *Olympia, WA*

Ali Salim, MD, FACS, *Los Angeles, CA*

Lynette A. Scherer, MD, FACS, *Sacramento, CA*

George C. Velmahos, MD, FACS, *Boston, MA*

Sponsored by the Committee on Trauma

PS401 | 8:00 - 9:30 am

Evolution in Outcomes of the Endoscopic and Surgical Management of Esophageal Cancer

Location: W 179

TRACKS: GEN, ONC

MODERATOR: Steven N. Hochwald, MD, FACS, *Buffalo, NY*

CO-MODERATOR: Roderich E. Schwarz, MD, FACS, *Dallas, TX*

This session aims to highlight the fact that evolution of clinical pathways, enhanced recovery programs, and new technical approaches to endoscopic therapy and esophageal resection for cancer have produced significant changes in the reported outcomes of patients with esophageal cancer. These data, along with the increasing complexity of the treatment options, strongly advocate for consideration of centralization of surgical services in the treatment of esophageal cancer.

Endoscopic Management of High-Grade Dysplasia and Early Stage Carcinoma of the Esophagus

Toshitaka Hoppe, MD, PhD, *Pittsburg, PA*

Advances in Surgical Outcomes for the Treatment of Esophageal Cancer

Steven N. Hochwald, MD, FACS, *Buffalo, NY*

Minimally Invasive Esophagectomy: What's the Hype?

Kfir Ben-David, MD, FACS, *Gainesville, FL*

Panel Discussion

Sponsored by the Commission on Cancer

PS402 | 8:00 - 9:30 am

Navigating E-Rx, PQRS, EHRs, and Other CMS Programs That Can Affect Reimbursement

Location: W 187



TRACK: HP

MODERATOR: Linda M. Barney, MD, FACS, *Dayton, OH*

CO-MODERATOR: Christopher K. Senkowski, MD, FACS, *Savannah, GA*

Each year the Centers for Medicare & Medicaid Services (CMS) makes changes to the Physician Quality Reporting System (PQRS), and the Electronic Prescribing (eRx) Programs that will affect practitioners who are paid under Medicare Part B. Interpreting all of the new guidelines can be tricky. This session will provide an overview of the programs, the impact of the programs on surgeons, and provide further information on how to navigate the programs so that your reimbursements are accurate.

Introduction

Linda M. Barney, MD, FACS, *Dayton, OH*

Meeting Phase II Meaningful Use and EHR Targets

Robert Jasak, JD, *Washington, DC*

E-Prescribing for Surgeons

Christopher K. Senkowski, MD, FACS, *Savannah, GA*

PQRI - PQRS

Linda M. Barney, MD, FACS, *Dayton, OH*

Panel Discussion

Sponsored by the General Surgery Coding and Reimbursement Committee

PS403 | 8:00 - 9:30 am

New Surgical and Nonsurgical Treatments for Obesity: Is There Hope on the Horizon?

Location: W 375A



TRACK: GEN

MODERATOR: Bruce D. Schirmer, MD, FACS,

Charlottesville, VA

CO-MODERATOR: Ranjan Sudan, MD, FACS, *Durham, NC*

This session will examine the current burden of obesity on our health care system. Nonsurgical options and their success, as well as current surgical options and their success will be discussed. In addition, the session will examine who currently seeks and obtains bariatric surgery and issues regarding access to care.

Setting the Stage

Bruce D. Schirmer, MD, FACS, *Charlottesville, VA*

Newest Non-Surgical Therapies

Peter T. Hallowell, MD, FACS, *Charlottesville, VA*

Newest Surgical Therapies

Alfons Pomp, MD, FACS, *New York, NY*

Robotics in Bariatric Surgery

Ranjan Sudan, MD, FACS, *Durham, NC*

Access to Care: Why Don't More Patients Choose Bariatric Surgery?

Robin L. Blackstone, MD, FACS, FASMB, *Scottsdale, AZ*

Panel Discussion

Sponsored by the Program Committee

PS404 | 9:45 - 11:15 am**Dangerous Drugs and Surgery: Steroids, Anticoagulants, and Homeopathic Treatments***Location: W 375B*

TRACKS: GEN, TRA

MODERATOR: Hasan B. Alam, MD, FACS, *Boston, MA*CO-MODERATOR: Kenji Inaba, MD, FACS, FRCS, *Los Angeles, CA*

This session will address issues faced by the surgeon in patients taking steroids, anticoagulants, new medications and homeopathic treatments as they relate to surgical emergency diagnosis and management.

Steroids: Good, Bad, and the Ugly

George C. Velmahos, MD, FACS, *Boston, MA*

Anticoagulants: What Every Surgeon Should Know

Kenji Inaba, MD, FACS, FRCS, *Los Angeles, CA*

Herbs, Homeopathic Drugs, and Other Exotic Agents: The Hidden Enemy

Carlos V. R. Brown, MD, FACS, *Austin, TX*

Case Presentations

*Sponsored by the Committee on Trauma***PS405 | 9:45 - 11:15 am****Identification and Management of Patients at High Risk for Breast Cancer***Location: W 375A*

TRACKS: GEN, ONC

MODERATOR: Nora T. Jaskowiak, MD, FACS, *Chicago, IL*CO-MODERATOR: Mary L. Gemignani, MD, MPH, FACS, *New York, NY*

The session will review high risk stratification criteria and optimal strategies for surveillance and risk reduction; high risk factors; methods to quantify risk and relative benefits of reduction strategies; optimal surveillance, prevention and intervention strategies for patients with known BRCA mutations; and criteria and specifics of genetic testing options.

Introduction

Genetics and Risk Assessment

Mark Robson, MD, *New York, NY*

Non-surgical Management of High Risk Patients

Seema A. Khan, MD, FACS, *Chicago, IL*

Surgical Risk Reduction

Mary L. Gemignani, MD, MPH, FACS, *New York, NY*

Reconstruction Options in Risk-Reduction

Julie Park, MD, *Chicago, IL*

Panel Discussion

*Sponsored by the Program Committee***PS406 | 9:45 - 11:15 am****Therapeutic Uses of Energy across the Surgical Specialties: What Are the Data Today and Possibilities for Tomorrow?***Location: W 179*

TRACK: GEN

MODERATOR: Steven D. Schwartzberg, MD, FACS, *Cambridge, MA*

This session will review current data for energy-based procedures. The multidisciplinary nature of this session is designed to stimulate cross specialty discussion and potential creative adaptation for new procedures. In addition this session will cover speculative talks concerning potential future therapeutic energy applications, such as the use of plasma medicine.

FUSE: Why We Need a Curriculum about Energy-Based Devices

Steven D. Schwartzberg, MD, FACS, *Cambridge, MA*

The Hazards of Monopolar Devices in Electrosurgery

C. Randle Voyles, MD, FACS, *Jackson, MS*

Fires in the OR: Preventing This "Never Event"

L. Michael Brunt, MD, FACS, *St. Louis, MO*

Beyond the "Bovie": What Are the Advantages?

Thomas N. Robinson, MD, FACS, *Aurora, CO*

Interference with Cardiac Implants: Why Does It Matter for the Surgeon?

Marc A. Rozner, MD, PhD, *Houston, TX*

Energy Systems on the Horizon

Richard M. Satava, Jr., MD, FACS, *Seattle, WA*

Panel Discussion

Sponsored by the Committee on Emerging Surgical Technology and Education

Abstract Sessions

The following sessions represent the four abstract programs, including Scientific Papers (SP), Scientific Poster Presentations (PP), Surgical Forum (SF), and Video-based Education (VE).

Scientific Papers (SP)

The Scientific Papers is a forum of more than 100 paper abstracts presenting research in areas across the spectrum of surgical practice.

Sponsored by the Program Committee

Monday, October 1

SP01 | 11:30 am - 1:00 pm

Liver/Biliary Track/Pancreas/Transplantation I

Location: W 475

TRACK: GEN

CO-MODERATOR: Michael I. D'Angelica, MD, FACS, *New York, NY*

CO-MODERATOR: Margo C. Shoup, MD, FACS, *Maywood, IL*

Nomogram-Based Allocation of Acute Normovolemic Hemodilution (ANH) during Hepatic Resection Results of a Prospective Randomized Trial

Timothy L. Frankel, MD; Mithat Gonen, PhD; Mary Fischer, MD; Florence Grant, MD; Jennifer Krone, BA; Michael I. D'Angelica, MD; Ronald P. DeMatteo, MD; William R. Jarnagin, MD. *Memorial Sloan-Kettering Cancer Center, New York, NY.*

Clinical Implication of Peritoneal Washing Cytology in Pancreatic Cancer

Suguru Yamada, MD, PhD; Tsutomu Fujii, MD, FACS, PhD; Hiroyuki Sugimoto, MD, PhD; Shuji Nomoto, MD, PhD; Shin Takeda, MD, PhD; Yasuhiro Koderu, MD, FACS, PhD; Akimasa Nakao, MD, FACS, PhD. *Nagoya University, Graduate School of Medicine, Nagoya, Japan.*

Molecular Characteristics of Non-Tumor Liver Tissues May Help to Determine Therapeutic Strategy in Patients with Hepatocellular Carcinoma

Tohru Utsunomiya, MD, PhD, FACS; Mitsuo Shimada, MD, PhD, FACS; Satoru Imura, MD, PhD; Yuji Morine, MD, PhD; Tetsuya Ikemoto, MD, PhD; Jun Hanaoka, MD, PhD; Hiroki Mori, MD, PhD; Koji Sugimoto, MD, PhD; Yu Saito, MD; Shinichiro Yamada, MD. *The University of Tokushima, Tokushima, Japan.*

Identification of Protein Biomarkers in Pancreatic Duct Fluid for Diagnosis and Prognosis of Pancreatic Disease Using GeLC-MS/MS

Kathryn T. Chen, MD; Phillip D. Kim; Kelly A. Jones; Jeffrey L. Tokar, MD; Karthik Devarajan, PhD; Hor-

moz Ehya, MD; John P. Hoffman, MD; Anthony T. Yeung, PhD. *Fox Chase Cancer Center, Philadelphia, PA.*

Xanthogranulomatous Cholecystitis: Need for Extended Cholecystectomy

Ashok Kumar, MD, FACS; Anand Prakash, MD, FACS; R. K. Singh, MD; Anu Behari, MD; Vinay K. Kapoor, MD, FACS, FRCS(Edin); Rajan Saxena, MD, FACS. *Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow, India.*

Meta-Analysis of Biliary Obstruction in Pancreatic and Peri-Pancreatic Cancer: Stent versus Surgical Bypass?

Evan S. Glazer, MD, MPH; Mark C. Hornbrook, PhD; Robert S. Krouse, MD, FACS. *The University of Arizona, Tucson, AZ.*

Objective Pre-resection Assessment of the Liver (OPAL) Score : A NSQIP®-Derived Scoring System for Prediction of Post-hepatectomy Mortality in Patients with Hepatocellular Carcinoma

Emily R. Winslow, MD; Shishir K. Maithel, MD; Noah Rozich, BA; David A. Kooby, MD; Clifford S. Cho, MD; Sharon M. Weber, MD. *University of Wisconsin, Madison, WI.*

SP02 | 11:30 am - 1:00 pm

Trauma and Acute Care I

Location: W 194

TRACK: TRA

CO-MODERATOR: Thomas M. Scalea, MD, FACS, *Baltimore, MD*

CO-MODERATOR: Ronald V. Maier, MD, FACS, *Seattle, WA*

Presentation and Outcomes in Patients with Traumatic Diaphragmatic Injury: A 15-Year Experience

Ahmad M. Zarour, MD, FACS, FRCSI; William C. Chiu, MD, FACS; Ayman El-Menyar, MB, BCh, MS. *R. Adams Cowley Shock Trauma Center - University of Maryland Medical Center, Baltimore, MD.*

Fatal Gunshot Wound to the Head: One Life Lost but Many Saved

Hassan Aziz, MB, BS, MD; Moutamn Sadoun, MD; Narong Kulvatanyou, MD, FACS; Andrew Tang, MD; Julie L. Wynne, MD, MPH, FACS; Terence O'Keeffe, MB, BCh, MSPH; Randall S. Friesse, MD, FACS; Peter M. Rhee, MD, MPH, FACS; Bellal A. Joseph, MD. *University of Arizona Medical Center, Division of Trauma and Critical Care, Tucson, AZ.*

Transcranial Doppler Signatures Associated with Blunt Cervical Vascular Injury: A Prospective Pilot Study

Dianna L. Purvis, MS; Tayseer A. Aldaghlis, MD, MS; Amber W. Trickey, MS; Anne G. Rizzo, MD, FACS; Siddhartha Sikdar, PhD. *Inova Fairfax Hospital, Falls Church, VA.*

Red Cell Distribution Width Is Predictive of Mortality in Trauma Patients

Sarah Majercik, MD, FACS; Jolene Fox, RN; Stacey Knight, Mstat, PhD; Benjamin D. Horne, MPH, PhD, FACC. *Intermountain Medical Center, Murray, UT.*

Have We Improved Outcomes from Severe Infection?: Analysis of 2961 Surgical Trauma ICU Infections since 1997

Laura H. Rosenberger, MD; Tjasa Hranjec, MD; Robert G. Sawyer, MD, FACS. *University of Virginia Health System, Charlottesville, VA.*

SP03 | 4:15 - 5:45 pm

Bariatric Surgery

Location: W 196BC

TRACK: GEN

CO-MODERATOR: Vadim Sherman, MD, FACS, FRCS, *Houston, TX*

CO-MODERATOR: Steven C. Stain, MD, FACS, *Albany, NY*

A Prospective, Blinded Comparison of Laparoscopic Ultrasound to Transabdominal Ultrasound for the Detection of Gallbladder Pathology in Patients Undergoing Laparoscopic Gastric Bypass

Shanu N. Kothari, MD, FACS; Kosisochi M. Obinwanne, MD; Matthew T. Baker, MD, FACS; Kara J. Kallies; Michelle A. Mathiason. *Gundersen Lutheran Health System, La Crosse, WI.*

Quality of Life Change after Sleeve Gastrectomy and Roux-en-Y Gastric Bypass: Short Term Result of a Prospective Randomized Trial

Michel Vix, MD; Keng-Hao Liu, MD; Silvana Perretta, MD; Antonio D'Urso, MD; Hurng-Sheng Wu, MD; Jacques Marescaux, MD, FACS, FRCS. *IRCAD - University of Strasbourg, Strasbourg, France.*

Evaluation of Medicare's National Coverage Decision for Bariatric Surgery

Justin B. Dimick, MD, MPH, FACS; Lauren H. Nicholas, PhD; John D. Birkmeyer, MD, FACS. *University of Michigan, Ann Arbor, MI.*

Roux-en-Y Gastric Bypass Surgery Compared to Diet and Exercise Therapy for Morbidly Obese Patients Awaiting Renal Transplant: A Decision Analysis

Rashikh A. Choudhury; Kenric M. Murayama, MD, FACS; Henry Glick, PhD; Peter Abt, MD, FACS; Ali Naji, MD, PhD, FACS; Noel N. Williams, MB, BCh, FRCSI, FRCSG; Kaitlyn Edelson; Brad Collins; Kristoffel Dumon, MD, FACS. *University of Pennsylvania, Philadelphia, PA.*

A Randomized Controlled Trial of StomaphyX versus Sham for Revisional Surgery in Post Roux-en-Y Gastric Bypass Patients to Reduce Regained Weight

George M. Eid, MD, FACS; Carol A. McCloskey, MD, FACS; Jessie K. Eagleton, MPH; Lindsay B. Lee; Anita P. Courcoulas, MD, MPH, FACS. *University of Pittsburgh, Pittsburgh, PA.*

Tuesday, October 2

SP04 | 8:00 - 9:30 am

Cardiothoracic Surgery I

Location: W 176

TRACK: CTS

CO-MODERATOR: Sudish C. Murthy, MD, PhD, FACS, *Cleveland, OH*

CO-MODERATOR: David R. Jones, MD, FACS, *Charlottesville, VA*

Robotic Lobectomy for Early Stage Lung Cancer: Results Following the Learning Curve

Mark Meyer, MD; Farid Gharagozloo, MD; Barbara Tempesta, NP; Marc Margolis, MD; Eric Strother, CSA. *Washington Institute of Thoracic and Cardiovascular Surgery at GWU Medical Center, Washington, DC.*

Changing U.S. Trends in the Adoption Rate of Thoracoscopic Surgery for Lung Cancer: A Population-Based Study

Junaid Haroon, MD, MB, BS. *Saint Barnabas Medical Center, Livingston, NJ.*

Impact of Lipid-Lowering Medication Use and Low Density Lipoprotein Levels on 1-Year Clinical Outcomes after Coronary Artery Bypass Grafting

Jacquelyn A. Quin, MPH, MD; Janet H. Baltz, RN, MSN; Brack Hattler, MD; Joseph F. Collins, ScD; Gerald O. McDonald, MD; Muath Bishawi; Marco A. Zenati, MD; Frederick L. Grover, MD; A. Laurie Shroyer, PhD. *Northport VA Medical Center, Northport, NY.*

Esophagectomy Erases Racial Differences in Outcomes between African Americans and Non-African Americans with Esophageal Cancer

Clifford Akateh; Lili Zhao, PhD; Mark B. Orringer, MD; Andrew C. Chang, MD; Jules Lin, MD; Rishindra M. Reddy, MD. *University of Michigan Medical School, Ann Arbor, MI.*

Treatment of cT2N0M0 Esophageal Cancer: Is There a Role for Neoadjuvant Therapy?

Thomas J. Birdas, MD, FACS; Thomas J. Hardacker, MS; DuyKhanh Ceppa, MD; Ikenna Okereke, MD; Karen M. Rieger, MD, FACS; Shadia I. Jalal, MD; Julia K. LeBlanc, MD; John M. DeWitt, MD; Kenneth A. Kesler, MD, FACS. *Indiana University School of Medicine, Indianapolis, IN.*

Impact of Neoadjuvant Chemoradiotherapy on Morbidity and Mortality After Minimally Invasive Esophagectomy

Susanne G. Carpenter, MD; Dawn Jaroszewski, MD, FACS; Chee-Chee Stucky, MD; Helen J. Ross, MD; Harshita Paripati, MD; Jonathan Ashman, PhD, MD; Kristi L. Harold, MD, FACS. *Mayo Clinic Arizona, Phoenix, AZ.*

SP05 | 8:00 - 9:30 am

Endocrine and Surgical Oncology I

Location: W 175

TRACK: GEN, ONC

CO-MODERATOR: Electron Kebebew, MD, FACS, *Bethesda, MD*

CO-MODERATOR: Bridget N. Fahy, MD, FACS, *Houston, TX*

Complications of Intraoperative Radiofrequency Ablation (IRFA) for Liver Metastases (LM): 10 Years of Experience in a Single Center

Serge Evrard, MD, PhD; Gregoire Desolneux, MD; Tsiriniaina Razafindratsira, MD; Milene Isambert, MD; Véronique Brouste, PhD. *Institut Bergonié, Bordeaux, France.*

Circulating Tumor Cells and Outcomes In Non-Metastatic Breast Cancer

Anthony Lucci, MD, FACS; Anirban Bhattacharyya, MPH, MD; Ashutosh Lodhi, MB, BS; Savitri Krishnamurthy, MD; Carolyn Hall, PhD; Summer Jackson; Amber Anderson; Balraj Singh, PhD; Henry M. Kuerer, MD, PhD. *The University of Texas MD Anderson Cancer Center, Houston, TX.*

Induction of Apoptosis Mediated by Down Regulation of RAF and Akt/mTOR Pathway by a Novel Withanolide, 19-hydroxy Withaferin A

Abbas K. Samadi, PhD; Josheph D. Bazzill; Huaping Zhang, PhD; Barbara N. Timmermann, PhD; Mark Cohen, MD, FACS. *University of Kansas Medical Center, Kansas City, KS.*

An Analysis of Whether Surgeon-Performed Neck Ultrasound Can Be Used as the Main Localizing Study in Primary Hyperparathyroidism

Shamil Aliyev, MD; Orhan Agcaoglu, MD; Jamie C. Mitchell, MD; Joyce Shin, MD; Kresimira M. Milas, MD; Allan Siperstein, MD; Eren Berber, MD. *Cleveland Clinic, Cleveland, OH.*

Predictors of Recurrence in Primary Hyperparathyroidism: An Analysis of 1,368 Cases

David F. Schneider, MD; Herbert Chen, MD, FACS; Rebecca S. Sippel, MD, FACS. *University of Wisconsin, Madison, WI.*

Is Selective Use of Adrenal Vein Sampling Possible Based on Patient Age and CT Scan Findings?

Reza Rahbari, MD; Allison B. Weisbrod, MD; Richard Chang, MD; Naris Nilubol, MD, FACS; Smita Baid, MD; Steven K. Libutti, MD, FACS; Constantine A. Stratakis, MD; Electron Kebebew, MD, FACS. *National Cancer Institute, Bethesda, MD.*

Hyperparathyroidism from Parathyroid Autotransplants in the Sternocleidomastoid Muscle: Clinical and Radiologic Findings for Contemporary Management

Naveen Balasundaram, MD; Donald Neumann, MD; Joyce Shin, MD; Robert Sofferman, MD; Jamie C. Mitchell, MD; Eren Berber, MD; Caldwell Esselstyn, Jr., MD; Allan Siperstein, MD; Kresimira M. Milas, MD. *Cleveland Clinic Foundation, Cleveland, OH.*

SP06 | 8:00 - 9:30 am

Plastics/Maxillofacial Surgery I

Location: W 471B

TRACK: PLA, OTO

MODERATOR: Babak J. Mehrara, MD, FACS, *New York, NY*

Abdominal Flaps Have Better Outcomes than Thigh Flaps for Immediate Reconstruction of Oncologic Pelvic and Perineal Resection Defects

Alexander T. Nguyen, MD; Charles E. Butler, MD. *The University of Texas MD Anderson Cancer Center, Houston, TX.*

Diabetic Foot Burns

Brian Q. Le, MD; John T. Stranix; Collier Pace, MD; Michael J. Feldman, MD, FACS; Andrea L. Pozez, MD, FACS. *Virginia Commonwealth University, Richmond, VA.*

In Situ Biocompatibility of Thin-Film Polyimide Neural Electrodes in a Regenerative Peripheral Nerve Interface Setting

Kristoffer B. Sugg, MD; Jana D. Moon; Nicholas B. Langhals, PhD; Paul S. Cederna, MD; Melanie G. Urbanchek, PhD. *University of Michigan, Ann Arbor, MI.*

Comparison of Massive and Sub-Massive Free Tissue Reconstructions of the Head and Neck: Analysis of Long-Term Clinical Outcomes

Larry L. Myers, MD, FACS; Chul Ahn, PhD. *University of Texas Southwestern Medical Center, Dallas, TX.*

Reconstructive Algorithm for Oncologic Sternectomy to Optimize Surgical Outcomes

James A. Butterworth, MB, BCh; Patrick Garvey, MD; Donald Baumann, MD; Charles E. Butler, MD. *The University of Texas MD Anderson Cancer Center, Houston, TX.*

Component Separation in Ventral Hernia Repair Does Not Impair Postoperative Physical Activity: Results of a Prospective, International Study

Victor B. Tsipline, MD; Paul D. Colavita, MD; Fernando A. Navarro, MD; Igor Belyansky, MD; Alla Y. Zemlyak, MD; Amy E. Lincourt, PhD; Ronald F. Sing, MD, FACS; B. Todd Heniford, MD, FACS. *Carolinas Medical Center, Charlotte, NC.*

SP07 | 12:45 - 2:15 pm

Colorectal Surgery I

Location: W 175

TRACK: CRS

CO-MODERATOR: Robin S. McLeod, MD, FACS, FRCS, *Toronto, ON*

CO-MODERATOR: James W. Fleshman, MD, FACS, *St. Louis, MO*

Routine Short-Course Pre-op Radiotherapy or Selective Post-op Chemoradiotherapy for Resectable Cancer?: Long Term Follow-up of the MRC CR07 Trial

John R. T. Monson, MD, FACS, FRCS; David Sebag-Montefiore, MB, BS; Robert J. C. Steele, MD; Robert Grieve, MD; Cheryl Pugh; Laura Nichols; Lindsay Thompson, MS; Philip Quirke, MD, FRCPATH. *St. James's University Hospital, Leeds, United Kingdom.*

Colectomy Improvement Project: Using Best Practice Guidelines to Improve Outcomes

Marc Grodsky, MD; Claire E. Peeples, MD; Harry Wasvary, MD; Elizabeth Gates, RN; Phillip Bendick, PhD. *Baumont Hospitals, Royal Oak, MI.*

An 18-Gene Blood-Based IVD Test for Colorectal Cancer Early Detection with High Sensitivity and Specificity

Ye Xu, MD; Qinghua Xu, MD; Xun Ye, PhD; Fang Liu, PhD; Fei Wu, MS; Li Yang, MS; Guoxiang Cai, MD; Xia Meng, PhD; Sanjun Cai, MD; Xiang Du, MD. *Fudan University Shanghai Cancer Center, Shanghai, China.*

Surgical Site Infection in Colorectal Surgery Is Not Decreased with an Infection Prevention Bundle

Jon D. Vogel, MD, FACS, FASCRS; D. Larochelle; G. Bergomi; S. Hobbins, RN, CNOR; R.P. Kiran, MD, FACS, FASCRS; Feza H. Remzi, MD, FACS, FASCRS. *Cleveland Clinic, Cleveland, OH.*

The Lahey Score: A Simple Score to Predict the Need for Early Surgical Intervention in Diverticulitis

Jason F. Hall, MD, MPH, FACS; Patricia Roberts, MD, FACS; Rocco Ricciardi, MD, MPH, FACS; Peter W. Marcello, MD, FACS; Thomas E. Read, MD, FACS; Lawrence Rusin, MD, FACS; David Schoets, MD, FACS, FASCRS. *Lahey Clinic, Burlington, MA.*

Differential Expression, Distribution, and Function of the Calcium-Sensing Receptor (CaSR) in the Human Colon

Ailín C. Rogers, MB, BCh, BAO, MRCS; Danielle C. Collins, MD; Helen M. Mohan, MB, BCh, BAO; Alan W. Baird, PhD; Desmond C. Winter, MD. *Institute for Clinical Outcomes Research and Education, St Vincent's University Hospital, Ireland.*

Transanal Endoscopic Microsurgery for Rectal Cancer following Neoadjuvant Chemoradiation: Are There Risk Factors for Local Failure?

Rodrigo Oliva Perez, MD, PhD; Angelita Habr-Gama, MD, PhD, FACS(Hon); Patricio Lynn, MD; Igor Proskurshin, MD; Guilherme São Julião, MD; Joaquim Gama Rodriguez, MD, PhD, FACS(Hon). *Instituto Angelita & Joaquim Gama, São Paulo, Brazil.*

SP08 | 12:45 - 2:15 pm

National and International Trends in Surgical Practice

Location: W 470A

TRACK: GEN, HUM, INT

MODERATOR: Lenworth M. Jacobs, MD, MPH, FACS, *Hartford, CT*

A Proposed Index of Surgical Underservice

Thomas C. Ricketts, MPH, PhD; Randy Randolph, MS. *University of North Carolina at Chapel Hill, Chapel Hill, NC.*

Trends in Attrition Rates for Surgical Faculty: A Case for a Sustainable Retention Strategy to Cope with Demographic and Economic Reality

Bhagwan Satiani, MD, FACS; Thomas E. Williams, MD, PhD, FACS; Heather Brod; David P. Way; E. Christopher Ellison, MD, FACS. *The Ohio State University, Columbus, OH.*

Early Retirement and Practice Relocation of American Surgeons

Charles M. Balch, MD; Tait Shanafelt, MD; Julie Freischlag, MD; Daniel Satele. *Johns Hopkins University, Baltimore, MD.*

Current Status of International Rotations in General Surgery Residency Programs in the United States

Filipe Sobral, MD; Lynette Smith; Jon S. Thompson, MD, FACS; David W. Mercer, MD, FACS; Chandrakanth Are, MD, FACS, FRCS. *University of Nebraska Medical Center, Omaha, NE.*

SP09 | 4:15 - 5:45 pm

Surgical Education and Training

Location: W 475

TRACK: EDU, GEN

CO-MODERATOR: Mary T. Hawn, MD, FACS, *Birmingham, AL*

CO-MODERATOR: Bruce L. Hall, MD, PhD, FACS, *St. Louis, MO*

Trends in the Composition and Match Rates of First Year Categorical General Surgery Residency Positions in the United States

Chandranth Are, MD, FACS, FRCS; Hugh A. Stoddard, PhD; Brigid O'Holleran; Kenneth A. Azarow, MD, FACS; Jon S. Thompson, MD, FACS; David W. Mercer, MD, FACS. *University of Nebraska Medical Center, Omaha, NE.*

Cost Implications of Reduced Work Hours for General Surgery Residents at a Major Teaching Hospital

John T. Mullen, MD, FACS; Keith D. Lillemoe, MD, FACS. *Massachusetts General Hospital, Boston, MA.*

How to Be a Surgeon in 16 Hours

Anne Stey, MD; Malika Garg, MD. *Mount Sinai Medical Center, New York, NY.*

Techniques of Parathyroid Exploration at North American Endocrine Surgery Fellowship Programs: What the Next Generation Is Being Taught

Tracy S. Wang, MD, MPH, FACS; Janice L. Pasieka, MD, FACS; Sally E. Carty, MD, FACS. *Medical College of Wisconsin, Milwaukee, WI.*

Attitudes and Perceptions of General Surgery Residents on the 16-Hour Duty Limitation

David Y. Lee, MD; Sadiq S. Rehmani, MD; Barbara A. Wexelman, MD; Gary S. Schwartz, MD; Mohammed Alkhalifa, MD; Scott S. Belsley, MD, FACS; James J. McGinty, MD, FACS; Faiz Y. Bhora, MD, FACS. *St. Luke's Roosevelt Hospital Center, New York, NY.*

Virtual Reality Robotic Surgery Warm-up Improves Robotic Surgical Performance: A Prospective Randomized Controlled Study

Thomas S. Lendvay, MD, FACS; Timothy Brand, MD, FACS; Lee White; Timothy Kowalewski; Saikiran Jonnadula, MD; Justin Andros; Laina Mercer; Blake Hannaford, PhD; Richard M. Satava, Jr., MD, FACS. *University of Washington, Seattle, WA.*

Barriers to Advancement in Academic Surgery: Views of Senior Residents and Junior Faculty

Amalia Cochran, MD, FACS; William B. Elder; Marie Crandall, MD, MPH, FACS; Karen J. Brasel, MD, FACS; Tricia Hauschild, MD; Leigh A. Neumayer, MD, FACS. *University of Utah, Salt Lake City, UT.*

Wednesday, October 3

SP10 | 8:00 - 9:30 am

General Surgery I

Location: W 178

TRACK: GEN

CO-MODERATOR: Leigh A. Neumayer, MD, FACS,
Salt Lake City, UT

CO-MODERATOR: Bradford G. Scott, MD, FACS, *Houston, TX*

Comparative Effectiveness of Dynamic Abdominal Sonography for Hernia (DASH) versus Computed Tomography in the Diagnosis of Incisional Hernia

William C. Beck, MD; Michael D. Holzman, MD, MPH, FACS; Kenneth W. Sharp, MD, FACS; William H. Nealon, MD, FACS; William D. Dupont, PhD; Benjamin K. Poulouse, MD, MPH. *Vanderbilt University, Nashville, TN.*

Early Oral Feeding after Emergency Intestinal Surgery

Soliman Elqamash, MD. *Department of Surgery, Suez Canal University Hospitals, Ismailia, Egypt.*

Early Oral Feeding within 24-Hours of Surgery vs. "Nil by Mouth" after Gastrointestinal Anastomosis: A Randomized Controlled Trial

Leila Ayazi, DDS; Manouchehr Davaie, MD, FACS; Khosro Ayazi, MD. *Shahid Beheshti University of Medical Sciences, Tehran, Iran.*

Regional Patterns of Surgical Specialization: Are We Training the Right Kind of Surgeons?

Ronen Elefant, MD; Jack Sariego, MD, FACS. *Temple University School of Medicine, Philadelphia, PA.*

Final Results of NOTA Study (NCT01096927) A

Prospective Interventional Cohort Study: Long-Term Outcome of Conservatively Treated Acute Appendicitis

Gregorio Tugnoli, MD; Andrea Biscardi, MD; Eleonora Giorgini, MD; Silvia Villani, MD; Fausto Catena, MD; Michele Pisano, MD; Marlis Walder, MD; Luca Ansaloni, MD; Salomone Di Saverio, MD, PhD. *Maggiore Hospital, Bologna, Italy.*

Intra-abdominal Irrigation Increases the Risk of Developing Post-operative Abscess in Both Laparoscopic and Open Appendectomies

Esteban Gnass; Stephanie Yan, MD; Mohammad Chizari, PhD; Arnold Tabuenca, MD; Afshin Mol-kara, MD. *Riverside County Regional Medical Center, Moreno Valley, CA.*

Early Discharge after Emergency Appendectomy in a Tertiary Hospital over an Eight Month Period: Is Outpatient Appendectomy Safe?

Virgilio F. Garcia, MD; Glomar C. Malana, MD; Rashida Cawiya C. Guiling, MD; Michael Vincent M. Gaw, MD; Marie Abigail G. Ramirez, MD; Nilo C. Delos Santos, MD, FPSGS, FPCS; Florentino C. Doble, MD, FPCS, FICS; Edgar A. Baltazar, MD, FACS, FPCS; Eric S. Talens, MD, FACS, FPC. *East Avenue Medical Center, Quezon City, Philippines.*

Does Enteral Contrast Improve CT Diagnosis of Acute Appendicitis?

Frederick T. Drake, MD; Rafael Alfonso-Cristancho, MD, MSc; Richard C. Thirlby, MD, FACS; Michael G. Florence, MD, FACS; Gregory J. Jurkovich, MD, FACS; Morris G. Johnson, MD, FACS; David R. Flum, MD, MPH, FACS. *University of Washington, Seattle, WA.*

SP11 | 9:45 - 11:15 am

Cardiothoracic Surgery II

Location: W 178

TRACK: CTS

CO-MODERATOR: John C. Wain, MD, FACS, *Boston, MA*

CO-MODERATOR: Jennifer S. Lawton, MD, FACS, *St. Louis, MO*

Influence of Postoperative Infectious Complications on Long-Term Survival of Lung Cancer Patients: A Population-Based Cohort Study

Amin Andalib, MD; Agnihotram V. Ramana-Kumar, PhD; Gillian Bartlett, PhD; Alan N. Barkun, MD, MS, FACP; Eduardo L. Franco, MPH, DrPH; Lorenzo E. Ferri, MD, PhD, FACS. *McGill University, Montreal, Quebec.*

Survival after Emergent Thoracotomy for Life-Threatening Hemorrhage

Eric H. Bradburn, DO, FACS; Scott Armen, MD, FACS, FACP; Dan Galvan, MD, FACS; Matt Indeck, MD, FACS; Mike Horst, PhD; Fredrick Rogers, MD, FACS. *Penn State Hershey, Hershey, PA.*

The Transcription Factor Gata5 Directs Efficient

Development of Cardiomyocyte Progenitors from Murine Embryonic Stem Cells

Harma K. Turbendian, MD; Miriam Gordillo, PhD; Jia Lu, PhD; Guoxin Kang, PhD; Ting-Chun Liu; Glenn I. Fishman, MD; Todd Evans, PhD. *New York Presbyterian Hospital - Weill Cornell Medical College, New York, NY.*

Statin Therapy in Diabetic Rats Attenuates Myocardial Dysfunction via a Skp2/p27 Pathway after Myocardial Infarction

Mandip Joshi, MD; Mahesh Thirunavukkarasu, PhD; Vaithinathan Selvaraju, PhD; Nilanjana Maulik, PhD; Juan A. Sanchez, MD, FACS. *University of Connecticut Health Center, Farmington, CT.*

SP12 | 9:45 - 11:15 am

Surgical Oncology II

Location: W 187

TRACK: GEN, ONC

CO-MODERATOR: Quan-Yang Duh, MD, FACS, *San Francisco, CA*

CO-MODERATOR: David M. Mahvi, MD, FACS, *Chicago, IL*

Heparanase Inhibition Reduces Vascular Function and Collagen Deposition and Potently Inhibits Tumor Growth and Metastasis in Murine Models of Pancreatic Cancer

Katherine T. Ostapoff, MD; Niranjan Awasthi, PhD; Roderich E. Schwarz, MD, PhD, FACS; Rolf A. Brecken, PhD. *University of Texas Southwestern, Dallas, TX.*

Prognosis Following a Failed (Not Found) Sentinel Lymph Node Procedure for Melanoma

Robert T. Stovall, MD; Nathan Pearlman, MD; Carlton Barnett, MD; Csaba Gajdos, MD; Dexiang Gao, PhD; Nicole Kounalakis, MD; Rene Gonzalez, MD; Karl Lewis, MD; William Robinson, MD; Martin McCarter, MD. *University of Colorado, Denver, CO.*

Relationship between FDG Accumulation and KRAS/BRAF Mutations in Colorectal Cancer

Kenji Kawada, MD; Suguru Hasegawa, MD; Takuya Matsumoto, MD; Koya Hida, MD; Yoshiharu Sakai, MD. *Kyoto University, Kyoto, Japan.*

Use of Panitumumab-IRDye800 to Image Microscopic Head and Neck Cancer in a Human Tumor Implant Preclinical Model

C. H. Heath, MD; Nicholas L. Deep; Larissa Sweeny, MD; Kurt R. Zinn, PhD, DVM; Eben L. Rosenthal, MD. *University of Alabama at Birmingham, Birmingham, AL.*

SP13 | 9:45 - 11:15 am

Vascular Surgery

Location: W 196BC

TRACK: VAS

CO-MODERATOR: Lois Archer Killewich, MD, PhD, FACS, *Galveston, TX*

CO-MODERATOR: Julie A. Freischlag, MD, FACS, *Baltimore, MD*

Risk Index for Predicting Perioperative Stroke or Death Risk in Asymptomatic Patients Undergoing Carotid Endarterectomy

Prateek K. Gupta, MD; Bala Ramanan, MB, BS; Abhishek Sundaram, MB, BS; Xiang Fang, PhD; Marcus Balters, MD; G. Matthew Longo, MD; Thomas G. Lynch, MD; Jason M. Johanning, MD; Jason N. MacTaggart, MD; Iraklis I. Pipinos, MD. *Creighton University, Omaha, NE.*

Endovascular Repair of Isolated Renal Artery Aneurysms Produces Equivalent Short- and Mid-Term Results with Open Repair

Nikolaos Tsilimparis, MD; Anand Dayama, MD; James G. Reeves, MD; Joseph J. Ricotta II, MD, FACS. *Emory University School of Medicine, Atlanta, GA.*

Chronic Kidney Disease in Elective Major Vascular Surgery: Predictors of Poor Outcome

James C. Iannuzzi, MD; Aaron Saul Rickles, MD; Andrew-Paul Deeb; Neil G. Kumar, MD; Ankur Chandra, MD; Fergal J. Fleming, MB, BCh, MD, FRCS; John R.T. Monson, MB, BCh, MD, FACS. *University of Rochester, Rochester, NY.*

Disruptive Endovascular Technology with Multilayer Flow Modulator Stents (MFM) As a Therapeutic Option in the Management of Thoraco-Abdominal Aortic Aneurysms: Early Results from the Global Independent MFM Registry

Sherif Sultan, MD, FACS(Hon), FRCS; Niamh Hynes, MD, MRCS, MS; Wael Tawfik, MB, BCh, MRCS. *Western Vascular Institute, Galway, Ireland.*

SP14 | 12:45 - 2:15 pm

Quality and Outcomes

Location: W 196BC

TRACK: EDU, GEN, HP

CO-MODERATOR: Michael E. Zenilman, MD, FACS, *Bethesda, MD*

CO-MODERATOR: Craig S. Derkay, MD, FACS, *Norfolk, VA*

The Influence of Hospital Complexity on Surgical Mortality

Marta L. McCrum, MD; Karen E. Joynt, MD, MPH; Atul A. Gawande, MD, MPH, FACS; Ashish K. Jha, MD, MPH. *Harvard School of Public Health, Boston, MA.*

Reasons for 30-Day Postoperative Readmissions for Medicare Patients at a Community-Based Teaching Hospital

Shanu N. Kothari, MD, FACS; Jennifer L. Hablewitz, MD; Janelle M. Ausloos; Kara J. Kallies; Jacob D. Gundrum. *Gundersen Lutheran Health System, La Crosse, WI.*

The Lake Wobegon Effect: Where All the Patients Are Above Average (Risk)

Mary T. Hawn, MD, MPH, FACS; Joshua Richman, MD, PhD; Robert Glasgow, MD, FACS; John Christein, MD, FACS; Sean Mulvihill, MD, FACS; Majed Tomeh; Patrick Hosokawa, PhD; William Henderson, MPH, PhD; Leigh A. Neumayer, MD, FACS. *University of Alabama at Birmingham, Birmingham, AL.*

Does Anti-Platelet Therapy Affect Outcome of Patients Receiving Abdominal Laparoscopic Surgery?: Lessons from Over 1,000 Laparoscopic Surgeries in a Single Tertiary Referral Hospital

Takahisa Fujikawa, MD, PhD, FACS; Akira Tanaka, MD; Toshihiro Abe, MD; Yasunori Yoshimoto, MD; Seiichiro Tada, MD; Hisatsugu Maekawa, MD; Norihiro Shimoike, MD. *Kokura Memorial Hospital, Kitakyushu, Japan.*

The Teaming Curve: Influence of Previous Collaborations among Surgical Team Members on Operative Time in Bilateral Reduction Mammoplasty

Rena Xu; Antoine Duclos, MD, PhD; Dennis P. Orgill, MD, PhD; Matthew Carty, MD. *Harvard Medical School, Boston, MA.*

Defining Quality for Pancreaticoduodenectomy: Severe Adverse Postoperative Outcomes Including Those Requiring Multiple Readmissions within 90 Days, Prolonged Overall Lengths of Stay or Multiple Invasive Interventions Are Predictable

Karen L. Sherman, MD; David J. Bentrem, MD, FACS; Richard A. Prinz, MD, FACS; Susan J. Stocker, LPN; Amanda V. Hayman, MD, MPH; Mark S. Talamonti, MD, FACS; Marshall S. Baker, MD, FACS. *Northshore University Health System, Evanston, IL.*

SP15 | 12:45 - 2:15 pm**Trauma and Acute Care II***Location: W 179*

TRACK: TRA

CO-MODERATOR: Soumitra R. Eachempati, MD, FACS, *New York, NY*CO-MODERATOR: Ronald M. Stewart, MD, FACS, *San Antonio, TX***Health Disparities Analysis of Pediatric Trauma Patients Admitted to a High Volume Level 1 Pediatric Trauma Hospital**Daphne Lambropoulos; Laura Cassidy, PhD; Jessica Enters, RN; David M. Gourlay, MD, FACS; David R. Lal, MD, FACS. *Medical College of Wisconsin, Milwaukee, WI.***The Influence of Insurance Status on the Surgical Treatment of Acute Spinal Fractures**Michael C. Daly; S. Samuel Bederman, MD, PhD, FRCS. *University of California, Irvine School of Medicine, Irvine, CA.***Infection Is a Major Risk in Patients with Vascular Injury When Associated with Skeletal Injury**Utku Kandemir, MD; Thomas Philips, MD; Brock Wentz, MD; Tigist Belaye; Robert C. Mackersie, MD, FACS. *University of California, San Francisco, San Francisco, CA.***American College of Surgeons Trauma Center Designation and Outcomes after Splenic Injuries**Bernardino Branco, MD; Andrew Tang, MD; Randall S. Friese, MD; Peter Rhee, MD. *University of Arizona, Tucson, AZ.***Nuclear Disasters and the Role of Surgeon: Review from the Complex Mega-Disaster in Japan, 2011**Yoshikura Haraguchi, MD, PhD, FICS; Tomoyasu Yozo, MD, PhD; Nishi Hosei, MD, PhD; Hoshino Masami, MD, PhD; Sakai Motohiro, RN; Hoshino Emiko, NP. *National Hospital Tokyo Disaster Medical Center, Tokyo, Japan.***SP16 | 2:30 - 4:00 pm****Surgical Oncology III***Location: W 194*

TRACK: GEN, ONC, URO

MODERATOR: David R. Byrd, MD, FACS, *Seattle, WA***Multiple Draining Lymph Node Basins in Melanoma: Friend or Foe?**J. H. Howard, MD; Junko J. Ozao-Choy, MD; Myung-Shin Sim, PhD; Donald L. Morton, MD, FACS; Mark B. Faries, MD, FACS. *John Wayne Cancer Institute at Saint John's Health Center, Santa Monica, CA.***A Metabolomic Approach to Breast Cancer Prognostication**Abhinav A. Sonkar, MB, BS, MS, FACS; Raja Roy, PhD; Anubhav Raj, MB, BS; Jitendra Kushwaha, MB, BS, MS; Shatakshi Srivastava; Awanish Kumar, MB, BS. *CSM Medical University, Lucknow, India.***Effect of Tumor Size on Rates of Metastatic Disease and Overall Survival in Patients Undergoing Resection of Localized Adrenocortical Carcinoma (ACC): An Analysis of the National Cancer Database (NCDB)**Daniel Canter, MD, FACS; Katherine Mallin, PhD; Robert G. Uzzo, MD, FACS; Viraj Master, MD, FACS, PhD; Marc C. Smaldone, MD; Gennady Bratslavsky, MD; Alexander Kutikov, MD. *Fox Chase Cancer Center, Philadelphia, PA.***Validation and Comparison of Tissue Biomarkers for Risk of Renal Cell Carcinoma Progression Using Automated Analysis of Protein Expression**E Jason Abel, MD; Madelyn Weiker; Kelvin Wong, MD; Fangfang Shi; David F. Jarrard, MD; Tracy Downs, MD; Wei Huang, MD. *University of Wisconsin, Madison, WI.***The Era of Genetics and Prophylactic Surgery**Justin Lee, MD; Jessica Ryan, MD; Kevin O'Donnell, MD, FACS. *St. Elizabeth Medical Center, Tufts University School of Medicine, Boston, MA.***Treatment of Gastric Epithelial Dysplasia That Is Diagnosed by Endoscopic Biopsy**Eun-Young Kim, MD; Jeong-Sun Lee, MD; Jin-Jo Kim, MD; Seung-Man Park, MD, PhD. *The Catholic University of Korea, Incheon, South Korea.***SP17 | 4:15 - 5:45 pm****Plastics/Maxillofacial Surgery II***Location: W 178*

TRACK: PLA

MODERATOR: David B. Drake, MD, FACS, *Keswick, VA***Complex Reconstruction of Desmoid Tumor Resections Does Not Increase Desmoid Tumor Recurrence**Patrick B. Garvey, MD, FACS; Donald P. Baumann, MD, FACS; Kathy A. Calhoun; Jun Liu, MD; Raphael E. Pollock, MD, PhD, FACS; Charles E. Butler, MD, FACS. *The University of Texas MD Anderson Cancer Center, Houston, TX.***The "Open Book" Component Separation: A Fifteen-Year Single-Surgeon Review**Alexander F. Mericli, MD; Derek E. Bell, MD; Brent R. DeGeorge, MD, PhD; David B. Drake, MD, FACS. *University of Virginia Health System, Charlottesville, VA.***Pediatric Frontal Sinus Fractures: A Controversy Revisited**Parit A. Patel, MD; Anthony Vu, MD; Wendy Chen; Matthew Wilkening; Christopher B. Gordon, MD. *Cincinnati Children's Hospital, Cincinnati, OH.***Predictors of Nipple Ischemia after Nipple-Sparing Mastectomy**Grant W. Carlson, MD, FACS; Toncred Styblo, MD, FACS; Hunter Moyer, MD; Albert Losken, MD, FACS. *Emory University, Atlanta, GA.***Long-Term Follow-up of Free Fat Transfer in Breast Reconstruction: 210 Procedures in 105 Patients**Gregory R. Scott, MD, FACS; Cynthia L. Carson, PA-C; Gregory L. Borah, MD, FACS. *Kaiser Permanente, San Diego, CA.*

Thursday, October 4

SP18 | 8:00 - 9:45 am

Colorectal Surgery II

Location: W 178

TRACK: CRS

CO-MODERATOR: H. Randolph Bailey, MD, FACS, *Houston, TX*

CO-MODERATOR: Debra H. Ford, MD, FACS, *Washington, DC*

Pain and Quality of Life Monitoring in Patients with Chronic Anal Fissure Pre- and Post-Lateral Internal Sphincterotomy Utilizing the Knowledge Program

Erman Aytac, MD; Hasan H. Erem, MD; Feza H. Remzi, MD; I. Emre Gorgun, MD. *Cleveland Clinic Digestive Disease Institute, Cleveland, OH.*

Effect of Mechanical Bowel Preparation on Cellular Proliferation and Intracellular Transport of Butyrate in the Colonocyte of the Rat (*Rattus norvegicus*)

Shaun R. Brown, DO; Jonathan Swisher, MD; William Rice, MD, FACS; Lisa Coviello, DO, FACS; Mohammed Ali, PhD; Kurt Davis, MD, FACS, FASCRS. *William Beaumont Army Medical Center, El Paso, TX.*

Targeting Process Improvement for Rectal Cancer Surgery

Maria C. Russell, MD; Chung-Yuan Hu, MPH, PhD; Y. Nancy You, MD, FACS; Barry W. Feig, MD, FACS; John M. Skibber, MD, FACS; Miguel A. Rodriguez-Bigas, MD, FACS, FASCRS; Yan Xing, MD, PhD; Janice N. Cormier, MD, MPH, FACS; Heidi Nelson, MD, FACS, FASCRS; George J. Cha. *The University of Texas MD Anderson Cancer Center, Houston, TX.*

7th Edition AJCC Staging Criteria for Colon Adenocarcinoma: Do the Complex Modifications Delineate Superior Survival Discrimination?

Danielle M. Hari, MD; Anna M. Leung, MD; Connie G. Chiu, MD; Myung-Shin Sim, PhD; Anton J. Bilchik, MD, PhD, FACS. *John Wayne Cancer Institute, Santa Monica, CA.*

Single Nucleotide Polymorphisms of the tcdC Gene Predict Recurrent Episodes of *C. difficile* Colitis

David B. Stewart, MD, FACS, FASCRS; John Hegarty, PhD. *Penn State University Hershey Medical Center, Hershey, PA.*

Prospective Randomized Comparison of Cutting Seton vs. Surgisis Collagen Plug for Transsphincteric Cryptoglandular Fistula-in-ano

Adrienne Floyd, MD; Brian Sung, MD; J. Choi, MD; Andreas M. Kaiser, MD, FACS, FASCRS. *University of Southern California, Los Angeles, CA.*

Obstetric Fistula Surgical Repair Failure Rates and Incontinence at One-Month Follow-Up

Melike Harfouche, BA; Mina Hosseinipour, MD, MPH; Stephen Kaliti, MD; Jeffrey Wilkinson, MD. *UNC Project- University of North Carolina-Chapel Hill, and Lilongwe, Malawi.*

SP19 | 8:00 - 9:30am

Liver/Biliary Track/Pancreas/Transplantation II

Location: W 475

TRACK: GEN

MODERATOR: Craig P. Fischer, MD, FACS, *Houston, TX*

Safety of Perioperative Aspirin Therapy in Pancreatic Surgery

Andrea M. Wolf, MD; Jordan M. Winter, MD; Harish Lavu, MD, FACS; Salil D. Gabale, MD; Eugene P. Kennedy, MD, FACS; Ernest L. Rosato, MD, FACS; Charles J. Yeo, MD, FACS. *Thomas Jefferson University, Philadelphia, PA.*

Bile Duct Detectabilities of Indocyanine Green - Fluorescent Cholangiography during Laparoscopic Cholecystectomy

Takeaki Ishizawa, MD, PhD; Kono Yoshiharu, MD; Harada Nobuhiro, MD; Kawaguchi Yoshikuni, MD; Kaneko Junichi, MD, PhD; Hasegawa Kiyoshi, MD, PhD; Ijichi Masayoshi, MD, PhD; Shibasaki Masayuki, MD, PhD; Bandai Yasutsugu, MD, PhD; Kokudo Norihiro, MD, PhD. *Graduate School of Medicine, University of Tokyo, Bunkyo-ku, Japan.*

A Risk Model for Predicting 90-Day Mortality among Patients Undergoing Hepatic Resection

Omar Hyder, MD; Carlo Pulitano, MD; Amin Firoozmand, MD; Luca Aldrighetti, MD; Barish Edil, MD; Christopher Wolfgang, MD, PhD, FACS; Kenzo Hirose, MD; Richard Schulick, MD, FACS; Michael Choti, MD, FACS; Timothy M. Pawlik, MD, MPH, FACS. *Johns Hopkins Hospital, Baltimore, MD.*

Optimization of Real Time-Polymerase Chain Reaction (RT-PCR) Using TaqMan Probes to Differentiate Human T-Cell Lymphotropic Virus (HTLV) Types I and II for Purposes of Organ Transplantation

Timothy J. Bullock; Mark E. Hall; Alan H. Tyroch, MD, FACS; Curt M. Pfarr, PhD; Debra E. Bramblett, PhD. *Texas Tech University Health Sciences Center Paul L. Foster School of Medicine, El Paso, TX.*

Kidney Transplant Alone in Hepatitis C Cirrhotic ESRD Patients

John D. Yonge; Anil S. Paramesh, MD, FACS; Chaitanya Mallikarju, MD; Rubin Zhang, MD; Robert Cannon, MD; Nathan Shores, MD; Mary T. Killackey, MD, FACS; Douglas P. Slakey, MD, MPH, FACS; Jennifer McGee, MD; Joseph F. Buell, MD, FACS. *Tulane University, New Orleans, LA.*

Living Liver Donation, Morbidity and Mortality: The University of Minnesota Experience over a 14-Year Period

Vanessa Humphreville, MD; Abhi Humar, MD; William Payne, MD; Raja Kandaswamy, MD; John Lake, MD; Timothy Pruett, MD; Srinath Chinnakotla, MD. *University of Minnesota, Minneapolis, MN.*

SP20 | 9:45 - 11:15 am

General Surgery II

Location: W 187

TRACK: GEN

MODERATOR: Barbara L. Bass, MD, FACS, *Houston, TX*

Do Small Bowel Serosal Tears Perforate under Physiological Conditions?

Ming-Chih Tsai, MB, BCh; Andrew Grieve; Martin Brand; Geoffrey Candy. *University of Witwatersrand, Johannesburg, South Africa.*

Predicting Midline Fascial Re-approximation with Component Separation in Complex Ventral Hernias: Maximizing the Utility of Preoperative Computed Tomography

Parag Bhanot, MD; Brenton Franklin, MD; Ketan M. Patel, MD; Laura E. Baldassari, MD; Maurice Y. Nahabedian, MD, FACS. *Georgetown University Hospital, Washington, DC.*

Functional Polymorphism in CYP2E1 Is Associated With the Development, Progression, and Poor Outcome of Gastric Cancer

Zekuan Xu, MD; Jin Feng; Xiaolin Pan; Bin Wang. *The First Affiliated Hospital of Nanjing Medical University, Nanjing, China.*

Predictors of Discharge Disposition on Mortality in Octogenarians Undergoing Major Abdominal Surgery

Josh Knudson, MD; Sarah McDonough; Justin Gregg. *TriHealth, Cincinnati, OH.*

Incisional Hernia Repair after Abdominal Operations: Long-Term Follow-up of Multiple Surgical Procedure Types

Benjamin K. Poulouse, MD, MPH; Benjamin K. Poulouse, MD, MPH; Sharon Phillips, MSPH; William Beck, MD; Julia Shelton, MD, MPH; Kenneth W. Sharp, MD, FACS; William Nealon, MD, FACS; Michael D. Holzman, MD, FACS. *Vanderbilt University Medical Center, Nashville, TN.*

Nanosilver-Coated Stainless Steel: An Antimicrobial and Osteoinductive Material for Orthopedic Device Fabrication

Zhong Zheng, PhD; Yi Liu, DDS; Janette N. Zara, MD; Michael Chiang, BDS; Wei Yuan, MD; Ching Yun Hsu, BDS; Donnalisa Soofer; Xinli Zhang, MD, PhD; Kang Ting, DMD, DMedSci; Chia Soo, MD. *University of California, Los Angeles, Los Angeles, CA.*

Appendectomy Gone Wrong: The Who and Where of Accidental Puncture of Laceration during a Procedure

Justin Lee, MD; Peter Miller, MD; Reza Kermani, MD; Alan Hackford, MD, FACS. *St. Elizabeth Medical Center, Tufts University School of Medicine, Boston, MA.*

The Committee for the Forum on Fundamental Surgical Problems

The Committee for the Forum on Fundamental Surgical Problems is proud to sponsor a panel session, facilitate two Meet the Expert Luncheons, and host a Town Hall Meeting (see the listing below), as well as provide a venue for scientific and surgical investigators in-training to present their research to a national audience in the sessions of abstract presentations provided in the subsequent pages.

Monday, October 1

ME102 | 1:15 - 2:15 pm

Navigating Your Early Academic Career

Tuesday, October 2

PS202 | 8:00 - 9:30 am

Biomedical Informatics and Computational Modeling in the Era of Personalized Medicine

ME205 | 11:30 am - 12:30 pm

Maintaining Your Academic Career

SF17 | 2:30 - 5:45 pm

Orthopaedic Surgery, Neurosurgery, Obstetrics, and Gynecology

2012 Excellence in Research Awards Distribution/Surgical Forum Dedication (2:30 - 2:45 pm)

Wednesday, October 3

TH08 | 7:00 - 7:45 am

How to Initiate a Translational Research Academic Surgical Career

Owen H. Wangenstein Surgical Forum on Fundamental Surgical Problems

Abstract Presentations

The Committee for the Forum on Fundamental Surgical Problems has selected more than 350 abstracts to be presented in 33 Surgical Forum sessions, Monday through Thursday. The accepted abstracts for most of the titles given in this program have been published in a supplemental issue of the *Journal of the American College of Surgeons*, which was distributed to the entire membership in September, and will be made available free of charge during the Clinical Congress.

Alimentary Tract I	108
*Alimentary Tract II	117
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Apoptosis	111
Biomarkers and Genetic Determinants of Disease and Outcomes	118
*Cardiothoracic Surgery I	120
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*Critical Care I: Mechanisms of Cellular Injury in Trauma and Sepsis	115
Critical Care II: Epidemiology and Management of Trauma	125
Geriatric Surgery	114
Innovative Clinical Technology	133
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Patient Safety	132
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Plastic Surgery II	128
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*Progenitor Cells and Cell-Based Therapies	125
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*Surgical Oncology/Endocrine I	109
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* Denotes 2012 Excellence in Research Award Recipient presenting in the session.

Monday, October 1

SF01 | 9:45 am - 1:00 pm

Alimentary Tract I

Location: W 470A

TRACK: GEN

MODERATOR: Anne Y. Lin, MD, FACS, *Los Angeles, CA*

CO-MODERATOR: Marcia McGory Russell, MD, *Los Angeles, CA*

Potential Tumor Suppressor miR-1247 Is Down-Regulated in CpG Island Methylator Phenotype Colon Cancers

Jennifer J. Liang, MD; Kathryn L. DeJulius; Awad Jarrar, MD; Angela Ting, PhD; James Church, MD, FACS, FASCRS; Matthew F. Kalady, MD, FACS, FASCRS. *From the Digestive Disease Institute, Lerner Research Institute, and Cleveland Clinic, Cleveland, OH*

DISCUSSANT: Emina Hui-Na Huang, MD, FACS, *Gainesville, FL*

Loss of aryl hydrocarbon Receptor within Colonic Epithelium Increases Susceptibility to Colon Tumor Formation

Sean M. Ronnekleiv-Kelly, MD; Peter G. Geiger; Gregory D. Kennedy, MD, PhD, FACS. *From the University of Wisconsin Hospital and Clinics, Madison, WI*

DISCUSSANT: Matthew F. Kalady, MD, FACS, FASCRS, *Cleveland, OH*

Intestinal Alkaline Phosphatase Inhibits the Pro-inflammatory Ligand Uridine Diphosphate

Angela K. Moss, MD; Madhu S. Malo, MD, PhD; Sundaram Ramasamy, PhD; Halim Yammine, MD; Kanakaraju Kaliannan, MD; Sayeda N. Alam, MD; Nur Muhammad, MD; H. Shaw Warren, MD; Elizabeth Hohmann, MD; Richard A. Hodin, MD, FACS. *From Massachusetts General Hospital, Boston, MA*

DISCUSSANT: Sekhar Dharmarajan, MD, *St. Louis, MO*

Does Re-evaluation of Colorectal Cancers with Inadequate Nodal Yield Lead to Stage Migration or the Identification of Metastatic Lymph Nodes?

Lilian Chen, MD; Matthew Kalady, MD, FACS; John Goldblum, MD; Dilara Khoshknabi, MD; Patricia Roberts, MD, FACS; Rocco Ricciardi, MD, MPH, FACS. *From the Lahey Clinic, Burlington, MA and Cleveland Clinic, Cleveland, OH*

DISCUSSANT: Martin R. Weiser, MD, FACS, *New York, NY*

A Matched Case-Control Study of Functional Outcomes on Rectal Cancer Patients Undergoing Surgery with or without Intraoperative Neuromonitoring

Daniel W. Kauff, MD; Vera Juhre, MD; Hauke Lang, MD, FACS; Werner Kneist, MD. *From the University Medicine, Mainz, Germany*

DISCUSSANT: Y. Nancy You, MD, MHSc, FACS, *Houston, TX*

Morbid Obesity and Outcomes of Surgery for

Diverticulitis: Results from the ACS-NSQIP® Dataset

Matthew B. Bailey, MD; Daniel Davenport, PhD; Levi Procter, MD; H. David Vargas, MD, FACS. *From the University of Kentucky, Lexington, KY*

DISCUSSANT: Marcia McGory Russell, MD, *Los Angeles, CA*

Human Growth Hormone (hGH) Abolishes the Negative Effects of Everolimus on Intestinal Anastomotic Healing

Markus Alexander Küper, MD; Sebastian Trütschel, MD; Frank Traub, MD, PhD; Jürgen Weinreich, PhD; Anita Hack, MD; Michaela Weis-Klemm, MD; Alfred Königsrainer, MD; Stefan Beckert, MD. *From the University of Tübingen, Tübingen, Germany*

DISCUSSANT: Marianna Berho, MD, *Weston, FL*

Does Obesity Increase Perioperative Morbidity after Laparoscopic Surgery for Inflammatory Bowel Disease? Review of 626 Consecutive Cases

Mukta Katdare Krane, MD; Marco Allaix, MD; Marco Zoccali, MD; Konstantin Umanskiy, MD; Michele Rubin, APN-C, CNSC; Anthony Villa, APN-C; Roger D. Hurst, MD; Alessandro Fichera, MD, FACS, FASCRS. *From the University of Chicago, Chicago, IL*

DISCUSSANT: Daniel O. Herzig, MD, FACS, *Portland, OR*

Endoluminal Vacuum Therapy for Gastrojejunal Anastomotic Leaks after Roux-en-Y Gastric Bypass: A Pilot Study in a Swine Model

Lane A. Ritter, MD; Laura H. Rosenberger, MD; Sanford H. Feldman, DVM, PhD; Mark J. Mentrikoski, MD; Daniel E. Kleiner, MD. *From the University of Virginia, Charlottesville, VA*

DISCUSSANT: Erik Patrick Dutson, MD, FACS, *Los Angeles, CA*

Near Infrared Imaging of Colorectal Anastomotic Perfusion

Danny A. Sherwinter, MD, FACS. *From the Maimonides Medical Center, Brooklyn, NY*

DISCUSSANT: Elisabeth C. McLemore, MD, FACS, *La Jolla, CA*

Laparoscopic Right Hemicolectomy: A Comparison of Natural Orifice vs. Transabdominal Specimen Extraction

Reginald Griffin, MD; Irfan Qureshi, MD; Ziad Awad, MD, FACS, FRCS. *From the University of Florida College of Medicine, Jacksonville, FL*

DISCUSSANT: Sang W. Lee, MD, FACS, *New York, NY*

SF02 | 9:45 am - 1:00 pm

Plastic Surgery I

Location: W 471A

TRACK: PLA

MODERATOR: Michael T. Longaker, MD, FACS, *Stanford, CA*

CO-MODERATOR: James P. Bradley, MD, *Los Angeles, CA*

In Vitro Microdistraction of Nager Syndrome Dental Pulp Stem Cells: Comparison with Pre-Osteoblasts and Adipose-Derived Stem Cells

Joyce T. Yuan; Patricia Zuk, PhD; Kenneth Fan; Daniela F. Bueno, DDS, DNB, PhD; Christina J. Tabit; James P. Bradley, MD. *From the University of California-Los Angeles, Los Angeles, CA*

DISCUSSANT: Moderator

Clinical Application and Validation of the FACES Score for Facial Transplantation

Karan Chopra, MD; Seenu M. Susarla, MD, DMD, MPH; Danielle Goodrich; Chad R. Gordon, DO. *From the Johns Hopkins University School of Medicine/The Johns Hopkins Hospital, Baltimore, MD*

DISCUSSANT: Moderator

Amifostine Prophylaxis Preserves Biomechanical Properties of Irradiated Bone: A Murine Mandibular Model

Peter A Felice, MD; Alexis Donneys, MD; Sagar S. Deshpande; Catherine N. Tchanque-Fossuo, MD; Noah S. Nelson; Deniz Sarhaddi; Joseph E. Perosky; Kenneth M. Kozloff, PhD; Steven R. Buchman, MD, FACS. *From the University of Michigan School of Medicine, Ann Arbor, MI and the University of South Carolina School of Medicine, Columbia, SC*

DISCUSSANT: Moderator

Stem Cell and Intermittent Parathyroid Hormone Therapy Creates Superior Regenerate in Murine Mandibular Distraction Osteogenesis following Radiation

Sagar S. Deshpande; Steven R. Buchman, MD, FACS; Alexis Donneys, MD; Kelly K. Gallagher, MD; Catherine N. Tchanque-Fossuo, MD; Deniz Sarhaddi; Daniela M. Weiss; Hongli Sun, PhD; Paul H. Krebsbach, DDS, DNB, PhD. *From the University of Michigan, Ann Arbor, MI*

DISCUSSANT: George P. Yang, MD, FACS, *Stanford, CA*

CTGF Enhances Keratinocyte Adhesion to Fibronectin and Promotes Migration through Integrin $\alpha 5/\beta 1$

Elizabeth Kiwanuka, MD; Junker P.E. Johan, PhD; Edward J. Caterson, MD, PhD; Bengt Gerdin, MD, PhD; Elof Eriksson, MD, PhD, FACS. *From Brigham and Women's Hospital, Boston, MA and Uppsala University, Uppsala, Sweden*

DISCUSSANT: George P. Yang, MD, FACS, *Stanford, CA*

Novel Development of Craniofacial Morphomic Indices to Characterize Variation among Craniosynostosis Subtypes

Jacob Rinkinen; Lu Wang, PhD; Peng Zhang, PhD; Binu Enchakalody; Sven Holcombe; Alex Domrowski, MD; Jeffrey Lisiecki; Stewart Wang, MD, PhD; Steven R. Buchman, MD, FACS; Benjamin Levi, MD. *From the University of Michigan, Ann Arbor, MI*

DISCUSSANT: Michael T. Longaker, MD, FACS, *Stanford, CA*

Factors Associated with Noncompliance with Follow-up Care after Maxillofacial Fractures

Amelia W. Maiga, MD, MPH; Dunya Atisha, MD; David Nolen, MD; Ryan Kellogg, MD; Brian Christie, MD; Ed Ruane, MD; Ketan Sharma, MPH; Alex Allori, MD, MPH; Detlev Erdmann, MD, PhD, MHSc; Jeffrey Marcus, MD, FACS, FAAP. *From the Duke University Medical Center, Durham, NC*

DISCUSSANT: Michael T. Longaker, MD, FACS, *Stanford, CA*

Morphomic Measurement of the Temporalis Muscle As a Novel Predictor of Injury Severity and Clinical Outcomes in Mandible Fracture Patients

Jeffrey Lisiecki; Peng Zhang, PhD; Lu Wang, PhD; Binu Enchakalody; Sven Holcombe; Jacob Rinkinen; Stewart Wang, MD, PhD; Steven R. Buchman, MD, FACS; Benjamin Levi, MD. *From the University of Michigan Health System, Ann Arbor, MI*

DISCUSSANT: Michael T. Longaker, MD, FACS, *Stanford, CA*

Morbidity of Invasive Squamous Cell Carcinoma of the Scalp

Kate Elzinga, MD; Peter Kwan, MD; John Arlette, MD. *From the University of Calgary, Calgary, AB and the University of Alberta, Edmonton, AB*

DISCUSSANT: George P. Yang, MD, FACS, *Stanford, CA*

SF03 | 9:45 am - 1:00 pm

Surgical Oncology/Endocrine I

Location: W 470B

TRACK: ONC

MODERATOR: Frederick C. Eilber, MD, FACS, *Los Angeles, CA*

CO-MODERATOR: Cary Hsu, MD, *Santa Monica, CA*

2012 Excellence in Research Award Recipient:

Benjamin Schmidt, MD, *Boston, MA*

Overcoming Evasive Resistance from Vascular Endothelial Growth Factor A Inhibition in Sarcomas by Genetic or Pharmacologic Targeting of Hypoxia Inducible Factor 1 Alpha

Benjamin Schmidt, MD; Yeo-Jung Kim; Alexia Y. Zhang; Tae-Min Kim, PhD; TS Karin Eisinger-Mathason, PhD; Peter J. Park, PhD; M Celeste Simon, PhD; Sam S. Yoon, MD, FACS; Hae-June Lee, PhD, DVM. *From Massachusetts General Hospital, Boston, MA; University of Pennsylvania School of Medicine, Philadelphia, PA; and Harvard Medical School, Boston, MA*

DISCUSSANT: Robert J. Canter, MD, FACS, *Sacramento, CA*

Amplification of Full-length HMGA2 Is Oncogenic in Liposarcoma

Douglas W. Jones, MD; Penelope DeCarolus; Aimee M. Crago, MD, PhD; Samuel Singer, MD, FACS. *From the Memorial Sloan-Kettering Cancer Center, New York, NY*

DISCUSSANT: Robert J. Canter, MD, FACS, *Sacramento, CA*

Differential Gene Expression in Liposarcoma: A Biologic Basis for Clinically Aggressive Behavior?

Dale Han, MD; Gregory Bloom, PhD; Marilyn M. Bui, MD, PhD; Steven Enkemann, PhD; Hideko Yamauchi, MD; Gang Han, PhD; Anthony P. Conley, MD; Jonathan S. Zager, MD; Douglas Letson, MD; Ricardo J. Gonzalez, MD. *From the Moffitt Cancer Center, Tampa, FL*

DISCUSSANT: Robert J. Canter, MD, FACS, *Sacramento, CA*

Viral-Mediated Gene Therapy in Combination with Temozolomide in Melanoma

Michael E. Egger, MD; J.G. Gomez-Gutierrez, PhD; H. Hao, PhD; H.S. Zhou, PhD; Kelly M. McMasters, MD, PhD, FACS. *From the University of Louisville, Louisville, KY*

DISCUSSANT: Christine S. Landry, MD, *Gilbert, AZ*

Hemithyroidectomy: A Meta-Analysis of Postoperative Need for Hormone Replacement and Complications

Salem Noureldine, MD; Barath Krishnan, MD; Lu Yao; Emad Kandil, MD, FACS. *From the Tulane University School of Medicine, New Orleans, LA*

DISCUSSANT: Christine S. Landry, MD, *Gilbert, AZ*

Rate and Predictors of Thyroid Malignancy in Patients with Follicular Lesions of Undetermined Significance (FLUS) Classification

Parth Kishore Shah, MD; Kinjal K. Shah, MD; Giorgos C. Karakousis, MD; Rachel R. Kelz, MD, FACS; Douglas L. Fraker, MD, FACS. *From the University of Pennsylvania, Philadelphia, PA*

DISCUSSANT: Christine S. Landry, MD, Gilbert, AZ

Should Immunohistochemical (IHC) Markers Be Performed on Axillary Lymph Node Metastases in View of the Lack of Concordance between the Primary Tumor and Axillary Lymph Node Metastases?

Lauren Turza Greer, MD; Martin Rosman, MD; W. Charles Mylander, PhD; Janet A. Wareham; J. Leigh Campbell; Jeffrey Hooke, MD; Albert J. Kovatich; Craig D. Shriver, MD, FACS; Lorraine Tafra, MD, FACS. *From the Anne Arundel Medical Center, Annapolis, MD and the Walter Reed National Military Medical Center, Bethesda, MD*

DISCUSSANT: Priscilla F. McAuliffe, MD, PhD, Pittsburgh, PA

Dysregulation of Zinc Metabolism As a Marker of Phenotypic and Functional Change in Breast Cancer Cells

Zeynep Bostanci, MD; Samina Alam, PhD; David I. Soybel, MD, FACS; Shannon L. Kelleher, PhD. *From Pennsylvania State University, University Park, PA*

DISCUSSANT: Priscilla F. McAuliffe, MD, PhD, Pittsburgh, PA

Lymphatic Drainage of Mammary Gland and Upper Extremities: From Anatomy to Surgery to Microsurgery

Corrado Campisi, MD; Francesco Boccardo, MD, PhD; Rosalia Lavagno, MD; Lorenz Larcher, MD; Corradino A. Campisi, MD, PhD, FACS; Miguel Amore, MD. *From the University of Genoa, Genoa, Italy and the University of Buenos Aires, Buenos Aires, Argentina*

DISCUSSANT: Priscilla F. McAuliffe, MD, PhD, Pittsburgh, PA

Baicalin Induces Tumor Suppression in Triple Negative Breast Cancer by Mtor Inhibition Mediated through DDIT4 Expression

Amanda K. Arrington, MD; Yujun Wang, PhD; Jin Yan, MD; Yasir Akmal, MD; Quanhua Xing, PhD; Theodore Wu, John Yim, MD, FACS. *From the City of Hope National Medical Center, Duarte, CA*

DISCUSSANT: Priscilla F. McAuliffe, MD, PhD, Pittsburgh, PA

TFAP2C Regulates Erk1/2 Activation and Cell Proliferation through the Ret Receptor in Breast Carcinoma

Philip M. Spanheimer, MD; George W. Woodfield; Anthony R. Cyr; Ronald J. Weigel, MD, PhD, FACS. *From the University of Iowa, Iowa City, IA*

DISCUSSANT: Priscilla F. McAuliffe, MD, PhD, Pittsburgh, PA

Characteristics of Ductal Carcinoma in Situ Found in BRCA1 and BRCA2 Mutation Carriers

Rachel L. Yang; Holly L. Graves, MD; Paul J. Zhang, MD; Katherine Nathanson, MD, FACP; Susan M. Domchek, MD; Brian J. Czerniecki, MD, PhD, FACS; Rachel R. Kelz, MD, FACS. *From the University of Pennsylvania, Perelman School of Medicine, Philadelphia, PA*

DISCUSSANT: Priscilla F. McAuliffe, MD, PhD, Pittsburgh, PA

SF04 | 9:45 am - 1:00 pm

Targeted Therapies

Location: W 471B

TRACKS: BTR, GEN, ONC

MODERATOR: Isabelle Bedrosian, MD, FACS, Houston, TX

CO-MODERATOR: Todd W. Bauer, MD, FACS, Charlottesville, VA

A Targeted Systemic Therapy for the Prevention of Arterial Restenosis

Hussein A. Kassam, MD; Tyson J. Moyer; Teng L. Chew, PhD; Sam I. Stupp, PhD; Melina R. Kibbe, MD, FACS. *From Northwestern University, Chicago, IL*

DISCUSSANT: Gorav Ailawadi, MD, FACS, Charlottesville, VA

Natural IgM Blockade Mitigates Myocardial Ischemia-Reperfusion Injury in Miniature Swine

Smita Sihag, MD, MPH; Michael Haas, PhD; Karen Kim, MD; Jose L. Guerrero; James D. Gottschall; Joren C. Madsen, MD, PhD; Bruce R. Rosengard, MD; David H. Sachs, MD; Michael Carroll, PhD; James S. Allan, MD, FACS. *From the Massachusetts General Hospital Transplant Biology Research Center, Boston, MA; Harvard Medical School/Immune Disease Institute, Boston, MA; and Decimmune Therapeutics, Cambridge, MA*

DISCUSSANT: Gorav Ailawadi, MD, FACS, Charlottesville, VA

Apolipoprotein A-I Inhibits Clot Formation by Inhibition of Platelets

Wilbert L. Jones, MD; Ernest E. Moore, MD, FACS; Jeffrey N. Harr, MD; James G. Chandler, MD, FACS; John R. Stringham, MD; Theresa Chin, MD; Karen K. Lo, MD; Luis Lee, MD; Christopher C. Silliman, MD, PhD; Anirban Banerjee, PhD. *From the University of Colorado Denver, Aurora, CO; Denver Health Medical Center, Denver, CO; and Bonfils Blood Center, Denver, CO*

DISCUSSANT: Peter K. Henke, MD, FACS, Ann Arbor, MI

Addition of Tumor-Lysate Pulsed Dendritic Cells to Chemoradiation Increases Complete Pathologic Response and Imparts Lasting Immunity in a Murine Model of Rectal Cancer

Zachary P. Englert, DO; Melinda Carver; Michael A. White, MD; Steven Agle, MD; Emmanuel E. Zervos, MD, FACS. *From East Carolina University, Greenville, NC*

DISCUSSANT: Brian J. Czerniecki, MD, FACS, Philadelphia, PA

Anti-CTLA-4 Enhances the Effect of Imatinib in Gastrointestinal Stromal Tumor (GIST)

Teresa S. Kim, MD; Michael J. Cavnar, MD; Eric C. Sorenson, MD; Shan Zeng, MD, PhD; Jonathan B. Greer, MD; Rachel Popow; Ronald P. DeMatteo, MD, FACS. *From the Memorial Sloan-Kettering Cancer Center, New York, NY*

DISCUSSANT: Chandrajit P. Raut, MD, MSc, FACS, Boston, MA

Targeting Cancer Initiating Cells in Pancreatic Adenocarcinoma

Matteo Ligorio, MD; Yangyang Wang, MD; Elvira Favoino, PhD; Ling Yu, MD, PhD; Soldano Ferrone, MD, PhD; Xinhui Wang, PhD; Keith D. Lillemoe, MD; Cristina R. Ferrone, MD, FACS. *From Massachusetts General Hospital, Boston, MA and University of Pittsburgh, Pittsburgh, PA*

DISCUSSANT: Jason B. Fleming, MD, FACS, Houston, TX

The Novel Ability of a Tyrosine Kinase Inhibitor to Alter Myeloid-Derived Suppressor Cell and T-Regulatory Cell Function

Brian A. Coakley, MD; David Z. Kalir; Ge Ma, MD; Junko J. Ozao-Choy, MD; Ping-Ying Pan, PhD; Shu-Hsia Chen, PhD; Celia Divino, MD, FACS. *From the Mount Sinai Medical Center, New York, NY*

DISCUSSANT: Brian J. Czerniecki, MD, FACS, Philadelphia, PA

Enhanced Therapeutic Effects of a Novel Oncolytic and Anti-Angiogenic Vaccinia Virus Against Triple-Negative Breast Cancer

Sepideh Gholami, MD; Andrew A. Marano; Nanhai G. Chen, PhD; Alexa Frentzen, PhD; Chun-Hao Chen, MD; Clarisse Eveno, MD; Emil Lou, MD, PhD; Laurence J. Belin, MD, MPH; Aladar A. Szalay, PhD; Yuman Fong, MD, FACS. *From the Memorial Sloan-Kettering Cancer Center, New York, NY*

DISCUSSANT: Jacqueline S. Jeruss, MD, FACS, Chicago, IL

Hedgehog (HH) and ErbB Signaling As Mediators of Tumor-Stroma Interactions in Pancreatic Ductal Adenocarcinoma (PDAC)

Brett L. Broussard, MD; Alevtina Mikhaylina; Martin J. Heslin, MD, FACS; Juan P. Arnoletti, MD, FACS; Andrey Frolov, MD, PhD. *From the University of Alabama at Birmingham, Birmingham, AL*

DISCUSSANT: Courtney Scaife, MD, FACS, Salt Lake City, UT

JAK-2 Downregulation Sensitizes Pancreatic Cancer Cells to TRAIL Induced Cell Death

Vikas Dudeja, MD; Amanda R. Oliveira, DVM; Steven J. Skube; Sulagna Banerjee, PhD; Veena Sangwan, PhD; Rajinder K. Dawra, PhD; Selwyn M. Vickers, MD, FACS; Ashok K. Saluja, PhD. *From the University of Minnesota, Minneapolis, MN*

DISCUSSANT: Nicholas J. Zyromski, MD, FACS, Indianapolis, IN

Triptolide and Sorafenib Combination Therapy in Hepatocellular Carcinoma Results in Superior Cell Death in Vitro and Prolonged Survival in Vivo

Tara C. K. Krosch, MD; Veena Sangwan, PhD; Sulagna Banerjee, PhD; Ashok K. Saluja, PhD; Selwyn M. Vickers, MD, FACS; Eric H. Jensen, MD, FACS. *From the University of Minnesota, Minneapolis, MN*

DISCUSSANT: Moderator

GLV1h153, an Oncolytic Vaccinia Virus Carrying the Human Sodium Iodide Symporter, Kills Malignant Pleural Mesothelioma and Facilitates PET Imaging

Laurence J. Belin, MD, MPH; Sepideh Gholami, MD; Kelly M. Mojica; Andrew A. Marano; Pat B. Zanzonico, PhD; Valerie A. Longo; Nanhai G. Chen, PhD;

Richard J. Aguilar; Aladar A. Szalay, PhD; Yuman Fong, MD, FACS. *From the Memorial Sloan Kettering Cancer Center, New York, NY*

DISCUSSANT: Dennis A. Wigle, MD, FACS, Rochester, MN

SF05 | 2:30 - 4:00 pm

Apoptosis

Location: W 471B

TRACKS: BTR, GEN

MODERATOR: Melina R. Kibbe, MD, FACS, Chicago, IL

CO-MODERATOR: Allan Tsung, MD, FACS, Pittsburgh, PA

An in Vitro Model of Chemotherapy-Associated Steatohepatitis: Induction of Lipid Accumulation in Hepatocyte/Non-parenchymal Cell Co-culture by 5-fluorouracil and irinotecan

John S. Hammond, MB, BS, PhD, MRCS; Monika Owen; Elke Gottschalg, PhD; Nicola De Vivo; Guruprasad P. Aithal, MD, PhD; Andrew J. Bennett, PhD; Dileep N. Lobo, MD, FACS, FRCS. *From the University of Nottingham, Nottingham, United Kingdom*

DISCUSSANT: Steven C. Katz, MD, FACS, Providence, RI

Plasmacytoid Dendritic Cells Exacerbate Liver Ischemia-Reperfusion Injury (I/R)

Jonathan B. Greer, MD; Lee M. Ocuin, MD; Michael J. Cavnar, MD; Eric C. Sorenson, MD; Teresa S. Kim, MD; Shan Zeng, MD, PhD; Rachel Popow; Ronald P. DeMatteo, MD, FACS. *From the Memorial Sloan-Kettering Cancer Center, New York, NY*

DISCUSSANT: David A. Geller, MD, FACS, Pittsburgh, PA

Focal Adhesion Kinase and P53 Co-localize in Neuroblastoma Cells and Impact Cellular Survival

Lauren A. Gillory, MD; Michael L. Megison, MD; Jerry E. Stewart; Hugh C. Nabers; Elizabeth A. Beierle, MD, FACS. *From the University of Alabama at Birmingham, Birmingham, AL*

DISCUSSANT: Peter F. Nichol, MD, PhD, FACS, Madison, WI

Notch1 Regulates Keratinocyte Migration via Integrin Beta1 Activation during Wound Healing

Madhuchhanda Roy, MD, PhD; Taylor J. Jaraczewski; John T. Stofflet; Priya Pathak; Sandy J. Schlosser; B. Lynn Allen-Hoffmann, PhD; Timothy W. King, MD, PhD, FACS. *From the University of Wisconsin, Madison, WI*

DISCUSSANT: George P. Yang, MD, PhD, FACS, Stanford, CA

SF06 | 2:30 - 5:45 pm

Pediatric Surgery I

Location: W 470A

TRACK: PED

MODERATOR: Anthony D. Sandler, MB, ChB, FACS, Washington, DC

2012 Excellence in Research Award Recipient:

Alejandro Garcia, MD, New York, NY

Murine Endothelium Derived Microparticle Induced Early Murine Lung Injury

Paul M. Jeziorczak, MD, MPH; Sushma Kaul; Kirkwood A. Pritchard, Jr., PhD; Elizabeth R. Jacobs,

MD; John C. Densmore, MD, FACS. *From the Medical College of Wisconsin, Milwaukee, WI, and Children's Hospital of Wisconsin, Milwaukee, WI*

DISCUSSANT: Thomas F. Tracy, MD, FACS, Providence, RI

The Role of Prenatal Tadalafil in Altered Relaxation of Pulmonary Arteries from Lambs with Surgical Diaphragmatic Hernia

Eveline H. Shue, MD; Samuel C. Schecter, MB, BS; Wenhui Gong, MD; Michael Johengen; William Ferrier, DVM; Jianfeng Wu; Mozziyar Etemadi; Peter Oishi, MD; Jeff Fineman, MD; Douglas Miniati, MD, FACS. *From the University of California-San Francisco, San Francisco, CA, and University of California, Davis, Davis, CA*

DISCUSSANT: John C. Densmore, MD, FACS, Milwaukee, WI

IL-12 and STAT4 Activation Leads to Decreased Neuroblastoma Cell Survival

Michael L. Megison, MD; Lauren A. Gillory, MD; Jerry E. Stewart; Hugh C. Nabers; Elizabeth A. Beierle, MD, FACS. *From the University of Alabama at Birmingham, Birmingham, AL*

DISCUSSANT: Anthony D. Sandler, MB, ChB, FACS, Washington, DC

Chrysin Induces Growth Suppression through Apoptosis in Neuroblastoma Cells

Jocelyn F. Burke, MD; Logan Schlosser; Herbert Chen, MD, FACS; Muthusamy Kunnimalaiyaan, PhD. *From the University of Wisconsin, Madison, WI*

DISCUSSANT: Elizabeth A. Beierle, MD, FACS, Birmingham, AL

Inhibition of Host Notch Function Disrupts Hepatic Vasculature and Promotes Tumor Growth

Alejandro Garcia, MD; Debarshi Banerjee, PhD; Sonia Hernandez, PhD; Roderick Alfonso; Arul Thirumoorathi, MD; John Andrews, BA; Emily Sbiroli; Angela Kadenhe-Chiweshe, MD; Darrell J. Yamashiro, MD, PhD; Jessica J Kandel, MD. *From the Columbia University Medical Center, New York, NY*

DISCUSSANT: Herbert Chen, MD, FACS, Madison, WI

PGP-Like Factor in Breast Milk Binds to Intestinal Epithelium and Protects from Bacterial Inflammation

Elizabeth M. Pontarelli, MD; Shannon L. Castle, MD; Anatoly V. Grishin, PhD; Henri R. Ford, MD, FACS. *From the Children's Hospital, Los Angeles, Los Angeles, CA*

DISCUSSANT: Robert A. Cowles, MD, FACS, New York, NY

Early Intravenous Cyclosporine Treatment Attenuates Necrotizing Enterocolitis-Like Intestinal Injury Compared to Delayed Treatment during Resuscitation of Asphyxiated Newborn Piglets

Richdeep S. Gill, MD; Tze-Fun Lee, PhD; Consolato Sergi, MD, PhD; Po-Yin Cheung, MD, PhD; David L. Bigam, MD, FRCSC. *From the University of Alberta, Edmonton, AB*

DISCUSSANT: Samuel M. Alaish, MD, FACS, Baltimore, MD

Genetic Variation Regulates the Expression of Tight Junction (TJ) Proteins at Baseline and following Common Bile Duct Ligation (CBDL)

Alexis D. Smith, MD; Jennifer Timmons, MD; Ebony Murphy; Aiping Zhao, PhD; Alan Cross, MD; Samuel

M. Alaish, MD, FACS. *From the University of Maryland School of Medicine, Baltimore, MD*

DISCUSSANT: Robert A. Cowles, MD, FACS, New York, NY

Celecoxib Inhibits Metastasis and Cellular Invasion in Ewings Sarcoma via Downregulation of Beta-Catenin

Meade P. Barlow, MD; Kiranmye Reddy, MD; Meredith Akerman; Richard D. Glick, MD, FACS; Morris Edelman, MD; Bettie M. Steinberg, PhD; Samuel Z. Soffer, MD, FACS. *From the Feinstein Institute for Medical Research, Manhasset, NY, and Cohen Children's Medical Center, New Hyde Park, NY*

DISCUSSANT: Thomas F. Tracy, MD, FACS, Providence, RI

Oncolytic Herpes Simplex Virus and Radiation Combination Therapy Results in a Systemic Immune Response to Inhibit Neuroblastoma Tumor Growth

Lauren A. Gillory, MD; Michael L. Megison, MD; Jerry E. Stewart; Hugh C. Nabers; Gregory K. Friedman, MD; James M. Markert, MD, PhD, FACS; G Yancey Gillespie, PhD; Elizabeth A. Beierle, MD, FACS. *From the University of Alabama at Birmingham, Birmingham, AL*

DISCUSSANT: Jessica J. Kandel, MD, FACS, New York, NY

Celecoxib Attenuates Gut Barrier Failure during Sepsis

Scott S. Short, MD; Shannon L. Castle, MD; Jin Wang; Anatoly Grishin, PhD; Henri R. Ford, MD, FACS. *From the Children's Hospital, Los Angeles, Los Angeles, CA*

DISCUSSANT: Elizabeth A. Beierle, MD, FACS, Birmingham, AL

Potentiation of Serotonergic Signaling Increases Enterocyte Mass and Intestinal Absorptive Capacity

Abbey L. Fingeret, MD; Zoya V. Gertsberg; Michael D. Gershon, MD; Robert A. Cowles, MD, FACS. *From Columbia University, New York, NY*

DISCUSSANT: John C. Densmore, MD, FACS, Milwaukee, WI

Intrinsic Hepatic Collagenase Activity Is Activated by Neutrophil Granule Contents

Sean S. Ciullo, MD; Christopher S. Muratore, MD, FACS; Yonghong Zhou; Thomas F. Tracy, MD, FACS. *From Rhode Island Hospital/Brown University, Providence, RI*

DISCUSSANT: Jessica J. Kandel, MD, FACS, New York, NY

SF07 | 2:30 - 5:45 pm

Transplantation and Tissue Engineering

Location: W 471A

TRACK: BTR, GEN

MODERATOR: Dev M. Desai, MD, FACS, Dallas, TX

2012 Excellence in Research Award Recipient:

Soyoung Lee, MD, Boston, MA

Passenger APCs Are Crucial for the More Potent Immune Response following the Transplantation of Vascularized Allografts from Old Donors

Rupert Oberhuber, MD; Olaf Boenisch, MD; Karin Hock, MB, BS; Timm Heinbokel, MB, BS; Hongmei Li, MD, PhD; Guangxiang Liu, MD; Johann Pratschke, MD, PhD; Stefan G. Tullius, MD, PhD, FACS. *From Brigham and Women's Hospital, Boston, MA*

DISCUSSANT: Moderator

Tissue-Engineered Small Intestine (TEST) Forms Normal Architecture Following a Period of Hyper-Proliferation

Daniel E. Levin, MD; Frederic G. Sala, PhD; Erik R. Barthe, MD, PhD; Allison L. Speer, MD; Xiaogang Hou, PhD; Yasuhiro Torashima, MD, PhD; Justin M.L. Dreyfuss; Tracy C. Grikscheit, MD, FACS. *From the Children's Hospital Los Angeles, Los Angeles, CA*
DISCUSSANT: Jason A. Wertheim, MD, *Chicago, IL*

Anti-IL-6R Antibodies Prevent Acute Rejection of Allogeneic Lung Transplants in Monkeys

Soyoung Lee, MD; Akihiro Aoyama, MD; Makoto Tonsho, MD; Sjetlan Boskovic, MD; Yohei Yamada, MD; A. Benedict Cosimi, MD; Joren C. Madsen, MD, PhD; Gilles Benichou, MD; Tatsuo Kawai, MD; James S. Allan, MD, FACS. *From Massachusetts General Hospital, Boston, MA*
DISCUSSANT: Moderator

Attenuation of Hepatic Ischemia-Reperfusion Injury through CD47 Blockade in Vivo

Bernard John DuBray, MD; Pam T. Manning, PhD; William A. Frazier, PhD; Kristen L. Gunter; Parvathi Balachandran, MD; Gundumi A. Upadhyay, PhD; Jianluo Jia, MD; Christopher D. Anderson, MD, FACS; Thalachallour Mohanakumar, PhD; William C. Chapman, MD, FACS. *From Washington University, St. Louis, MO*
DISCUSSANT: Moderator

Dendritic Cells Regulate Fibro-Inflammation but Exacerbate Steatosis in NASH

Justin R. Henning, MD; Christopher S. Graffeo; Michael Deutsch, MD; Nina Fallon; Adeel Rehman, MD; Rocky Barilla; Marco V. Medina-Zea, MD; Constantinos P. Zambirinis, MD; George Miller, MD, FACS. *From the New York University School of Medicine, New York, NY*
DISCUSSANT: Moderator

Acute GVHD Induced by in Utero Hematopoietic Cell Transplantation Is Reversed by a Regulatory Response Resulting in a Potent Graft vs. Hematopoietic Effect without Clinical GVHD

Miho Watanabe, MD, PhD; Jesse D. Vrecenak, MD; Jacqueline Tsai, MD; Jason P. Sulkowski, MD; Edem Timpo, MD; Yan Li, MD, PhD; Haiying Li; Alan W. Flake, MD, FACS. *From the Children's Hospital of Philadelphia, Philadelphia, PA*
DISCUSSANT: Moderator

Toll-Like Receptor 4 (TLR4) on Hepatocytes Mediates High Mobility Group Box-1 (HMGB1) Release after Hepatic Ischemia Reperfusion in a JNK-Dependent Manner

Gary W. Nace, MD; Hai Huang, MD; John R. Klune, MD; Raymond E. Eid, MD; Timothy R. Billiar, MD, FACS; Allan Tsung, MD, FACS. *From the University of Pittsburgh Medical Center, Pittsburgh, PA*
DISCUSSANT: Moderator

Dual Seeded Polycaprolactone (PCL)/Collagen Electrospun Vascular Scaffold for Engineering Small Diameter Blood Vessel and Clinical Translation

Juan E. Arenas, MD; Hyunhee Ahn, PhD; Tanner K. Hill; Ju M. Young, PhD; Hwang Chang, PhD; James Yoo, MD, PhD; Sang J. Lee, PhD. *From the Wake*

Forest Institute for Regenerative Medicine, Winston-Salem, NC

DISCUSSANT: Cassandra Michelle Kelleher, MD, *Boston, MA*

REDD1 (Regulated in Development and DNA Damage Responses 1) Is a Central Regulator of Hepatic Injury following Liver Ischemia-Reperfusion (I/R)

Raymond E. Eid, MD; John Evankovich; Gary W. Nace, MD; Huang Hai, MD, PhD; Allan Tsung, MD, FACS. *From the University of Pittsburgh Medical Center, Pittsburgh, PA*
DISCUSSANT: Moderator

Tissue-Engineered Stomach Epithelium Develops Few Parietal Cells but Is Not Metaplastic

Allison L. Speer, MD; Frederic G. Sala, PhD; Erik R. Barthe, MD, PhD; Yasuhiro Torashima, MD, PhD; Xiaogang Hou, PhD; Justin M.L. Dreyfuss; Daniel E. Levin, MD; Tracy C. Grikscheit, MD, FACS. *From the Children's Hospital Los Angeles, Los Angeles, CA*
DISCUSSANT: Thomas W. Gilbert, PhD, *Pittsburgh, PA*

Selective Manipulation of Blood Flow Dynamics in Microcirculation

Grace S. Lee, MD; Roxanna M. Webber, PhD; Miao Lin, MD; Barry C. Gibney, DO; Dineen C. Simpson, MD; Nenad Filipovic, PhD; Akira Tsuda, PhD; Moritz A. Konerding, MD; Steven J. Mentzer, MD, FACS. *From Brigham and Women's Hospital, Boston, MA; Harvard School of Public Health Boston, MA; and Johannes Gutenberg University-Mainz, Mainz, Germany*
DISCUSSANT: Alejandro Soto-Gutierrez, MD, PhD, *Pittsburgh, PA*

Liver Allografts Suppress Cellular and Humoral Responses towards Co-Transplanted Heart Allografts

Jinny S. Ha, MD; Raghava B. Munivenkatappa, MD; Erika D. Feller, MD; Bartley P. Griffith, MD, FACS; Benjamin Philosophie, MD, PhD; Rolf N. Barth, MD, FACS. *From the University of Maryland, Baltimore, MD*
DISCUSSANT: Moderator

SF08 | 2:30 - 5:45 pm

Vascular Surgery I

Location: W 470B

TRACK: VAS

MODERATOR: John E. Rectenwald, MD, FACS, *Ann Arbor, MI*

CO-MODERATOR: Ulka Sachdev, MD, *Pittsburgh, PA*

2012 Excellence in Research Award Recipient:

Muhammad Tipu Rishi, MD, *Farmington, CT*

Silencing Prolyl Hydroxylase-3 (PHD-3) Improves Blood Perfusion in a Murine Hind-Limb Ischemia Model

Muhammad Tipu Rishi, MD; Mahesh Thirunavukkarasu, PhD; Vaithinathan Selvaraju, PhD; Juan A. Sanchez, MD, FACS; Nilanjana Maulik, PhD. *From the University of Connecticut Health Center, Farmington, CT*

DISCUSSANT: Alan Dardik, MD, FACS, *New Haven, CT*

Collagen Production Is Dysregulated at Both the Transcriptional and Post-transcriptional Level in the Progression from Acute to Chronic Diabetic Wound

Robert C. Caskey, MD; Junwang Xu, PhD; Myron Allukian, MD; Michael W. Morris, Jr., MD; Wanda A. Dorsett-Martin, DVM; Wenjie Wu; Marc E. Mitchell, MD, FACS; Kenneth W. Liechty, MD, FACS. *From the University of Mississippi Medical Center, Jackson, MS; Nemours Children's Hospital, Orlando FL; and the University of Pennsylvania School of Medicine, Philadelphia, PA*

DISCUSSANT: Katherine Ann Gallagher, MD, New York, NY

Medical Therapy Predicts Need for Carotid Revascularization in Asymptomatic Patients

Matthew B. Burruss, MD; Timothy W. Capps, MD; Bryan A. Ehlert, MD; Christopher A. Durham, MD; William M. Bogey, MD, FACS; Frank M. Parker, DO, FACS; Charles S. Powell, MD, FACS; Michael C. Stoner, MD, FACS. *From the East Carolina Heart Institute at East Carolina University, Greenville, NC*

DISCUSSANT: Rabih Antoine Chaer, MD, FACS, Pittsburgh, PA

The Modified Frailty Index as a Predictor of Operative Mortality and Morbidity in Lower Extremity Amputations

Joseph L. Karam, MD; Ilan S. Rubinfeld, MD, FACS; Alexander Shepard, MD; Farah Mohammad, MD. *From the Henry Ford Hospital, Detroit, MI*

DISCUSSANT: Michael Roland Go, MD, FACS, Columbus, OH

A Comparison of Contemporary Mortality following EVAR and Open Abdominal Aortic Aneurysm Repair

Dawn M. Coleman, MD; Frank Davis; Nicholas H. Osborne, MD; Christopher Scally, MD; Jay Lee; Michael Ranella; Jonathan L. Eliason, MD, FACS. *From the University of Michigan, Ann Arbor, MI*

DISCUSSANT: Matthew Abraham Corriere, MD, FACS, Atlanta, GA

Alvimopan Is Associated with Faster Return of Gastrointestinal Function and Fewer Hospital Days in Transperitoneal Compared to Retroperitoneal Open Aortic Patients

Timothy W. Capps, MD; Matthew B. Burruss, MD; Bryan A. Ehlert, MD; Christopher A. Durham, MD; William M. Bogey, MD, FACS; Frank M. Parker, DO, FACS; Charles S. Powell, MD, FACS; Michael C. Stoner, MD, FACS. *From East Carolina University, Greenville, NC*

DISCUSSANT: Gale L. Tang, MD, Seattle, WA

EphB4 Regulates Venous Endothelial Cell Angiogenic Phenotype

Caroline C. Jadowiec, MD; Amanda Feigel, MD; Michael J. Collins, MD; Chenzi Yang, MD; Clinton D. Protack, MD; Susun T. Kim; Alan Dardik, MD, PhD, FACS. *From Yale University, New Haven, CT*

DISCUSSANT: Edith Tzeng, MD, FACS, Pittsburgh, PA

Inhibition of Prol1 Hydroxylase Attenuates Microvascular Inflammation after Mesenteric Ischemia/Reperfusion via Upregulation of Heme Oxygenase

Jessica Hogan, MD; John G. Wood, PhD; Michael Moncure, MD, FACS; James H. Thomas, MD, FACS.

From the University of Kansas Medical Center, Kansas City, KS

DISCUSSANT: Peter K. Henke, MD, FACS, Ann Arbor, MI

Fabrication of Biocompatible Biodegradable Artificial Tissue Constructs via Sacrificial Nonionic Triblock Copolymer Networks

Jonne F. van Koot, BSc; Alyssa J. Reiffel, MD; Nikola Lekic; Karina A. Hernandez, DO; Elisa S. Rezaie; Michel C. van Harten; Rachel Campbell, MD; Cynthia Wisnieff; Jason A. Spector, MD, FACS. *From Weill Cornell Medical College, New York, NY*

DISCUSSANT: Bryan W. Tillman, MD, Pittsburgh, PA

A Four Year Experience with Femoral Artery Pseudoaneurysms: Should There Be a Size Criteria for Observation?

Michael Amendola, MD; Ayorinde Akinrinlola, MD; Francisco Albuquerque, MD; John Pfeifer, MD, FACS; Luke Wolfe; Justin Pfeifer; Mark M. Levy, MD, FACS. *From the VCU Medical Center, Richmond, VA*

DISCUSSANT: Jonathan L. Eliason, MD, FACS, Ann Arbor, MI

Racial Differences in Treatment and Mortality following Vascular Injury: A National Trauma Data Bank Analysis

Charles S. Briggs, MD; Tze-Woei Tan, MD; Naomi Hamburg, MD; Robert Eberhardt, MD; Gheorghe Doros, PhD; Denis Rybin, PhD; Alik Farber, MD, FACS. *From the Boston University Medical Center, Boston, MA*

DISCUSSANT: COL Todd E. Rasmussen, MD, USAF MC, FACS, Fort Sam Houston, TX

SF09 | 4:15 - 5:45 pm

Geriatric Surgery

Location: W 471B

TRACK: GER

MODERATOR: Sandhya Lagoo-Deendayalan, MD, PhD, FACS, Durham, NC

CO-MODERATOR: Thomas N. Robinson, MD, FACS, Denver, CO

Who Would Have Thought? Asking an Older Adult If They Have Fallen Predicts Surgical Outcomes

Teresa S. Jones, MD; Daniel S. Wu, MD; Thomas N. Robinson, MD, FACS. *From the University of Colorado, Aurora, CO*

DISCUSSANT: Ronnie A. Rosenthal, MD, FACS, West Haven, CT

HIF-1 α Gene Therapy Combined with HIF-1 Activated Bone Marrow-Derived Angiogenic Cell (BMDAC) Therapy Improves Burn Wound Healing in Aged Mice

Junkai Du, MD, PhD; Lixin Liu, PhD; Frank Lay; Qian Wang, MD, PhD; Chunqing Dou, MD, PhD; Raul Sebastian, MD; Sayed Mohammad Hosseini, MD; Andrew Simon; Bendix Slegtenhorst, MD; John W. Harmon, MD, FACS. *From Johns Hopkins University, Baltimore, MD*

DISCUSSANT: Aleah Brubaker, Maywood, IL

Unplanned Reintubation: Another Problem That Discriminates the Older and More Frail

Nathan Schmoekel, DO; H Mathilda Horst, MD; Jill Watras, MD; Dionne Blyden, MD; Amy C. Sisley, MD,

FACS; Anthony Falvo, DO; Ilan S. Rubinfeld, MD, FACS. *From the Henry Ford Hospital, Detroit, MI*
 DISCUSSANT: Ziad C. Sifri, MD, FACS, *Newark, NJ*

Laparoscopic Surgery for Colorectal Cancer in the Elderly Is Associated with Improved Long-Term Survival

Therese Gannon Kerwel, MD; Theodor Asgeirsson, MD; Amanda McClure, MD; Rebecca Hoedema, MD, FACS, FASCRS; Ryan Figg, MD, FACS, FASCRS; Nadav Dujovny, MD, FACS, FASCRS; Donald Kim, MD, FACS, FASCRS; Heather Slay, MD, FACS, FASCRS; Martin Luchtefeld, MD, FACS, FASCRS. *From Spectrum Health, Grand Rapids, MI*

DISCUSSANT: Kirk A. Ludwig, MD, FACS, FASCRS, *Milwaukee, WI*

Pre-injury Warfarin Use in Older Trauma Patients: Risks and Appropriateness of Indications

David C. Evans, MD; Barani Govindarajan; Anthony T. Gerlach, PharmD, BCPS, FCCM; Daniel Eiferman, MD; Charles H. Cook, MD, FACS, FCCM; Carla F. Justiniano; Viswanath Reddy Belum, MD; Sergio D. Bergese, MD; Steven M. Steinberg, MD, FACS; Stanislaw P.A. Stawicki, MD, FACS. *From Ohio State University, Columbus, OH*

DISCUSSANT: Jeffrey H. Lawson, MD, FACS, *Durham, NC*

Risk Adjusted Surgical Site Infection Rates Are Lower in Patients over 80 Years Old

Amani D. Politano, MD; Laura H. Rosenberger, MD; Matthew D. McLeod, MD; Lin M. Riccio, MD; Tjasa Hranjec, MD; Kristin C. Turza, MD; Tanya R. Flohr, MD; Robert G. Sawyer, MD, FACS. *From the University of Virginia, Charlottesville, VA*

DISCUSSANT: Walter E. Pofahl, MD, FACS, *Greenville, NC*

Tuesday, October 2

SF10 | 8:00 - 11:15 am

Critical Care I: Mechanisms of Cellular Injury in Trauma and Sepsis

Location: W 470A

TRACKS: GEN, TRA

MODERATOR: Marc G. Jeschke, MD, FACS, *Toronto, ON*

CO-MODERATOR: Matthew R. Rosengart, MD, FACS, *Pittsburgh, PA*

2012 Excellence in Research Award Recipient:

Laura E. White, MD, Houston, TX

Hepatocyte Acute-Phase Response Is Dependent on HMGB1

Gary W. Nace, MD; John R. Klune, MD; Raymond E. Eid, MD; Timothy R. Billiar, MD, FACS; Allan Tsung, MD, FACS. *From the University of Pittsburgh Medical Center, Pittsburgh, PA*

DISCUSSANT: Marc G. Jeschke, MD, FACS, *Toronto, ON*

Kidney-Lung Crosstalk: Lung Endothelial Cell Apoptosis and NF-kappaB Activation during Ischemic Acute Kidney Injury

Laura E. White, MD; Yan Cui, MD; Heitham T. Hassoun, MD, FACS. *From the Methodist Hospital and Research Institute, Houston, TX, and Methodist DeBakey Heart and Vascular Center, Houston, TX*

DISCUSSANT: Jose M. Prince, MD, *New Hyde Park, NY*

Resolvin Attenuates Microvascular Leak during Inflammation

Arturo Garcia, MD; Elizabeth Cureton, MD; Emily Miralflor, MD; Louise Yeung, MD; Gregory P. Victorino, MD, FACS. *From the University of California, San Francisco - East Bay, Oakland, CA*

DISCUSSANT: Brian G. Harbrecht, MD, FACS, *Louisville, KY*

Apolipoprotein E Deficiency Improves Survival in Sepsis

Natalie Seiser, MD, PhD; Shiva Kasravi; Briana Leung; Frank Primus, MD; Hobart W. Harris, MD, MPH, FACS. *From the University of California-San Francisco, San Francisco, CA*

DISCUSSANT: Matthew R. Rosengart, MD, FACS, *Pittsburgh, PA*

A Novel Expansion of CD14^{high}CD16⁺ monocytes in Severely Injured Trauma Patients

Anna E. Ziegler, MD; Michael A. Krencicki; Carolyn Mold, PhD; Sonlee D. West, MD, FACS. *From the University of New Mexico Health Sciences Center, Albuquerque, NM*

DISCUSSANT: Saman Arbabi, MD, FACS, *Seattle, WA*

Oral Supplementation with Intestinal Alkaline Phosphatase: A Novel Preventive Strategy against C. Difficile Colitis

Halim Yammine, MD; Sayeda N. Alam; Sundaram Ramasamy; Omeed Moaven; Rizwan Ahmed; Angela K. Moss; Atul K. Bhan; Madhu S. Malo; Richard A. Hodin, MD, FACS. *From Massachusetts General Hospital, Boston, MA*

DISCUSSANT: Brian S. Zuckerbraun, MD, FACS, *Pittsburgh, PA*

The Contribution of Toll Like Receptors 2, 4 and 9 to Delayed Immune Dysfunction following Injury

Sophie S. Darwiche, MD; Marcus K. Hoffman, MD; Kent R. Zettel, MD; Faez Ayoob, MD; Ruan Xiangcai, MD, PhD; Melanie Scott, MD, PhD; Rosemary Hoffman, PhD; Hans-Christoph Pape, MD; Timothy R. Billiar, MD, FACS. *From the University of Pittsburgh Medical Center, Pittsburgh, PA*

DISCUSSANT: Matthew R. Rosengart, MD, FACS, *Pittsburgh, PA*

Alternative Splicing in Combination with Single Nucleotide Polymorphisms Decreases the Human Glucocorticoid Receptor Response to Steroids

Aaron C. Baker, MD; Victoria W. Chew; Kelly Tung, MD; Tajia L. Green; Debora Lim; Kiho Cho, DVM, PhD; David G. Greenhalgh, MD, FACS. *From the University of California Davis Medical Center, Sacramento, CA, and Shriners Hospitals for Children Northern California, Sacramento, CA*

DISCUSSANT: Grant E. O'Keefe, MD, FACS, *Seattle, WA*

Peroxisomal Disorders Generate TRALI-Inducing Lipids in Stored PRBCs

John R. Stringham, MD; Ernest E. Moore, MD, FACS; Michael Ellison, PhD; Marguerite R. Kelher; Kirk C. Hansen, PhD; Christopher C. Silliman, MD, PhD. *From Bonfils Blood Center, Denver, CO, and the University of Colorado-Denver, Aurora, CO*

DISCUSSANT: Bryan A. Cotton, MD, MPH, FACS, *Houston, TX*

Response Patterns of Pro-inflammatory and Anti-inflammatory Cytokines in Serum and Peritoneal Fluid during Sepsis

Benyam P. Yoseph, MD; Elise Breed; Zhe Liang, PhD; Kevin McConnell, MD; Craig M. Coopersmith, MD, FACS. *From the Emory University School of Medicine, Atlanta, GA*

DISCUSSANT: Kevin P. Mollen, MD, Pittsburgh, PA

SF11 | 8:00 - 11:15 am

Surgical Education I

Location: W 470B

TRACKS: EDU, RES/MED

MODERATOR: Jonathan P. Fryer, MD, FACS, Chicago, IL

CO-MODERATOR: Robert R. Nesbit, MD, FACS, Augusta, GA

2012 Excellence in Research Award Recipient:

Dana T. Lin, MD, Stanford, CA

Interrupting Patient Care: The Impact of Current Communication Technologies on Surgical Residents

Jennifer Doorey; Renae E. Stafford, MD, MPH, FACS; George F. Sheldon, MD, FACS. *From the University of North Carolina, Chapel Hill, NC*

DISCUSSANT: Loretto A. Glynn, MD, FACS, Maywood, IL

The Assessment of Emotional Intelligence among Candidates Interviewing for General Surgery Residency

Dana T. Lin, MD; Aarth Kannappan, MD; James N. Lau, MD, FACS. *From the Stanford School of Medicine, Stanford, CA*

DISCUSSANT: Debra A. DaRosa, PhD, Chicago, IL

Simulation-Based Team Training Improves Outcomes during Real Peri-operative Emergencies

Natalia Martinez, MD; Gregory Motuk, RN; Gretchen Kolb; Josef Luba, RN; Kristoffel Dumon, MD; Andrew S. Resnick, MD, FACS. *From the Hospital of the University of Pennsylvania, Philadelphia, PA*

DISCUSSANT: Nabil Issa, MBChB, FACS, Chicago, IL

The Cutting Edge: Values Affirmations Improve Residents' On-the-Job Performance

Arghavan Salles, MD, PhD; Geoffrey L. Cohen, PhD; Claudia Mueller, MD, PhD. *From Stanford University, Stanford, CA*

DISCUSSANT: Gary J. Merlotti, MD, FACS, Oak Lawn, IL

Changing Paradigms in Hepato-Pancreato-Biliary Training during General Surgery Residency

Sally Sayeh Daee, MD; Vijay K. Mittal, MD, FACS. *From Providence Hospital, Southfield, MI*

DISCUSSANT: Raymond J. Joehl, MD, FACS, Hines, IL

Achieving ACGME Compliance in Training Qualified Cardiothoracic Transplant Surgeons: A Simulation-Based Feasibility Assessment

Andrea Tara Obi, MD; Jennifer Chung; Mark Daskin, PhD; Amy Cohn, PhD; Rishindra M. Reddy, MD, FACS. *From the University of Michigan, Ann Arbor, MI*

DISCUSSANT: Shari L. Meyerson, MD, Chicago, IL

Do We Really Need Preliminary Interns in Academic Surgery?

David C. Evans, MD; Mark W. Arnold, MD, FACS; David E. Lindsey, MD, FACS. *From the Ohio State University, Columbus, OH*

DISCUSSANT: Kevin K. Roggin, MD, FACS, Chicago, IL

Multidisciplinary Survey of Resident Education, Service, and Quality of Life: Did 80 Hours Level the Playing Field?

Brenessa M. Lindeman, MD; Lauren G. Block, MD; Sanjay V. Desai, MD; Bethany Sacks, MD; Kenzo Hirose, MD; Pamela Lipsett, MD, MHPE, FACS. *From Johns Hopkins Hospital, Baltimore, MD*

DISCUSSANT: Norman L. Wool, MD, FACS, Chicago, IL

Implementation of a Merit-Based Resident Ranking System: Does Competition Motivate?

Christian Xavier Cruz Pico, MD; Alfredo D. Guerron, MD; Matthew Kroh, MD; Steve Rosenblatt, MD; Alan Siperstein, MD; Matthew Walsh, MD; Sricharan Chalikonda, MD, FACS. *From the Cleveland Clinic Foundation, Cleveland, OH*

DISCUSSANT: Stephen Ronald Wise, MD, FACS, Chicago, IL

The Role of the Nonphysician Educator in General Surgery Residency Training

Margaret J. Tarpley; John L. Tarpley, MD, FACS. *From Vanderbilt University, Nashville, TN*

DISCUSSANT: Nancy Schindler, MD, FACS, Evanston, IL

Sifting through Course Evaluations: Medical Student Comments Driving Surgery Curriculum Changes

Judith C. French, PhD; Melissa M. Bickett, MD; Anne Ryan, MD; Joseph A. Iocono, MD, FACS. *From the University of Kentucky, Lexington, KY*

DISCUSSANT: Julia F. Corcoran, MD, FACS, Chicago, IL

Does Aptitude Matter?

Christina E. Buckley, MB, BCh, BAO; Dara O. Kavanagh, FRCSI; Oscar Traynor, FRCSI; Paul C. Neary, MD, FRCSI. *From the Royal College of Surgeons, Dublin, Ireland*

DISCUSSANT: Vijay K. Maker, MD, FACS, FRCS, Chicago, IL

SF12 | 8:00 - 11:15 am

Urology and Reproductive Surgery I

Location: W 471A

TRACK: URO

MODERATOR: Costas D. Lallas, MD, FACS, Philadelphia, PA

CO-MODERATOR: Matthew E. Nielsen, MD, Chapel Hill, NC

Early Surgical Intervention vs. Medical Expulsive Therapy for Renal Colic

John M. Hollingsworth, MD; Edward C. Norton, PhD; Samuel R. Kaufman; R. Matt Smith, MD; J. Stuart Wolf, Jr., MD; Brent K. Hollenbeck, MD, FACS. *From the University of Michigan, Ann Arbor, MI*

DISCUSSANT: Stephen Y. Nakada, MD, FACS, Madison, WI

Impact of Comorbidity on Hospitalization Cost in Patients Undergoing Radical Prostatectomy

Augustine Obirieze, MB, BS, MPH; Adil H. Haider, MB, BS, MPH, FACS; Edward E. Cornwell III, MD, FACS; Chiledum Ahaghotu, MD, FACS. *From the Howard University College of Medicine, Washington, DC, and Johns Hopkins School of Medicine, Baltimore, MD*

DISCUSSANT: Scott Edward Delacroix, MD, Houston, TX

Repopulation of Primary Renal Cells for Whole Organ Engineering

Sigrid M. Agcaoili, MD; Tamer Aboushwareb, MD, PhD; John D. Jackson, PhD; James J. Yoo, MD, PhD; Anthony Atala, MD, FACS. *From Wake Forest University, Winston-Salem, NC, and National Kidney and Transplant Institute, Manila, Philippines*

DISCUSSANT: Eric L. Laborde, MD, *New Orleans, LA*

Physiological Factors Are More Important than Operative Impact in Predicting Early Mortality after Radical Cystectomy

Stephanie Mai; E. Jason Abel, MD; Luke Hillman; Fangfang Shi; Tracy M. Downs, MD, FACS. *From the University of Wisconsin, Madison, WI*

DISCUSSANT: Moderator

Trends in the Age and Gender of the Urology Workforce in the United States: 1981–2009

Raj Kurpad, MD; Erin Fraher, PhD; Simon Neuwahl; Ian Udell, MD; Eric M. Wallen, MD, FACS; Angela B. Smith, MD; Matthew E. Nielsen, MD; Michael Woods, MD; Raj S. Pruthi, MD, FACS. *From the University of North Carolina, Chapel Hill, NC*

DISCUSSANT: Edouard John Trabulsi, MD, FACS, *Philadelphia, PA*

The Evolving Role and Age Structure of International Medical Graduates (IMGs) on the Urology Workforce in the United States: 1981–2009

Raj Kurpad, MD; Erin Fraher, PhD; Simon Neuwahl; Ian Udell, MD; Eric M. Wallen, MD, FACS; Angela B. Smith, MD; Matthew E. Nielsen, MD; Michael Woods, MD; Raj S. Pruthi, MD, FACS. *From the University of North Carolina, Chapel Hill, NC*

DISCUSSANT: Edouard John Trabulsi, MD, FACS, *Philadelphia, PA*

Should Blunt Segmental Renal Vascular Injury Be Classified As AAST Grade 4?

Bahaa S. Malaeb, MD; Bradley D. Figler, MD; Hunter B. Wessells, MD, FACS; Bryan B. Voelzke, MD. *From the University of Washington, Seattle, WA*

DISCUSSANT: Eric L. Laborde, MD, *New Orleans, LA*

Use of a Neighboring Uninjured Nerve for Restoration of Tissue Function

Bukyu Lee, MD; Young Min Ju, PhD; Jaeko Cho, PhD; Sang Jin Lee, PhD; John D. Jackson, PhD; James J. Yoo, MD, PhD; Anthony Atala, MD, FACS. *From Wake Forest University, Winston-Salem, NC*

DISCUSSANT: Angela B. Smith, MD, *Durham, NC*

Surveillance Guidelines for Low-Grade Non-invasive Bladder Cancer: A Cost Comparison

Ian Udell, MD; Raj Kurpad, MD; Angela B. Smith, MD; Michael E. Woods, MD; Eric M. Wallen, MD, FACS; Raj S. Pruthi, MD, FACS; Matthew E. Nielsen, MD. *From the University of North Carolina, Chapel Hill, NC*

DISCUSSANT: Scott Edward Delacroix, MD, *Houston, TX*

The Cost Impact of Routine Addition of Urovysion Fish to Nonmuscle-Invasive Bladder Cancer Surveillance

Ian Udell, MD; Raj Kurpad, MD; Angela B. Smith, MD; Michael E. Woods, MD; Eric M. Wallen, MD, FACS; Raj S. Pruthi, MD, FACS; Matthew E. Nielsen, MD. *From the University of North Carolina, Chapel Hill, NC*

DISCUSSANT: Scott Edward Delacroix, MD, *Houston, TX*

Re-operative Urethroplasty for Failed Prior Urethral Reconstruction: Outcomes of a 35-Year Experience

Sarah D. Blaschko, MD; Jack W. McAninch, MD, FACS, FRCS; Jeremy B. Myers, MD; Benjamin N. Breyer, MD. *From the University of California-San Francisco, San Francisco, CA*

DISCUSSANT: Hunter B. Wessells, MD, FACS, *Seattle, WA*

An Analysis of Thromboembolic Events after Radical Cystectomy and Chemoprophylaxis Recommendations

Katie S. Murray, DO; Ernesto Lopez-Corona, MD; Marcus Austenfeld, MD; Jeffrey M. Holzbeierlein, MD, FACS. *From the University of Kansas, Kansas City, KS*

DISCUSSANT: Scott Edward Delacroix, MD, *Houston, TX*

SF13 | 12:45 - 4:00 pm

Alimentary Tract II

Location: W 475

TRACK: GEN

MODERATOR: Joseph Kim, MD, FACS, *Duarte, CA*

CO-MODERATOR: Curtis J. Wray, MD, FACS, *Houston, TX*

2012 Excellence in Research Award Recipient:

Jessemae L. Welsh, MD, *Iowa City, IA*

Toll-Like Receptor 7 Regulates Pancreatic Inflammation and Transformation

Christopher S. Graffeo; Adeel Rehman, MD; Constantinos P. Zambirinis, MD; Justin R. Henning, MD; Nina Fallon; Rocky Barilla; Marco V. Medina-Zea, MD; Mohsin Jamal, MD; Michael Deutsch, MD; George Miller, MD, FACS. *From the New York University School of Medicine, New York City, NY*

DISCUSSANT: Amanda K. Arrington, MD, *Duarte, CA*

Extracellular Superoxide Dismutase (EcSOD) Suppresses Hypoxia-Inducible Factor-1-alpha (HIF-1a) and Inhibits Growth in Pancreatic Cancer

Jessemae L. Welsh, MD; Zita Sibenaller, PhD; Changbin Du, PhD; Hannah Schrock; Juan Du, PhD; Joseph J. Cullen, MD, FACS. *From the University of Iowa, Iowa City, IA*

DISCUSSANT: Richard John Bold, MD, FACS, *Sacramento, CA*

Combination Chemotherapy with Nafamostat Mesilate and Oxaliplatin Targeting NF-Kappa B Activation for Pancreatic Cancer in Mice

Takeshi Gocho, MD; Tadashi Uwagawa, MD, PhD; Ryota Iwase, MD; Koichiro Haruki, MD; Yuki Fujiwara, MD; Kenei Furukawa, MD, PhD; Taigo Hata, MD; Takeyuki Misawa, MD, PhD, FACS; Toya

Ohashi, MD, PhD; Katsuhiko Yanaga, MD, PhD, FACS. *From the Jikei University School of Medicine, Minato-ku, Japan*

DISCUSSANT: Avo Artinyan, MD, Houston, TX

Targeted Glycemic Control following Total Pancreatectomy

Eric Kubat, MD; Kimberly S. Kirkwood, MD, FACS. *From the University of California-San Francisco, San Francisco, CA*

DISCUSSANT: Jonathan Ford Finks, MD, FACS, Ann Arbor, MI

Incidental Gallbladder Cancer: When Should the Surgeon Be Suspicious?

Susan C. Pitt, MD; Linda Jin; Bruce L. Hall, MD, PhD, FACS; Steven M. Strasberg, MD, FACS; Henry A. Pitt, MD, FACS. *From the Washington University School of Medicine, St. Louis, MO, and Indiana University School of Medicine, Indianapolis, IN*

DISCUSSANT: Shaun Patrick McKenzie, MD, Lexington, KY

Pancreatic Duct Ligation(PDL) Abrogates Ischemia Reperfusion (I/R) Mediated Gut Injury via the Intestinal Unstirred Mucus Layer

Jordan E. Fishman, MD, MPH; Gal Levy, MD; Edwin A. Deitch, MD, FACS. *From the University of Medicine and Dentistry, New Jersey - New Jersey Medical School, Newark, NJ*

DISCUSSANT: Michael Bruce Nicholl, MD, FACS, Columbia, MO

Macrophage Depletion Attenuates Microvascular Inflammation Following Hemorrhagic Shock/Resuscitation

Casey P. Hertenberg, MD; John G. Wood, PhD; Michael Moncure, MD, FACS; Norberto C. Gonzalez, MD; Elizabeth Echaliier; Marcus Hook; James H. Thomas, MD, FACS. *From the University of Kansas Medical Center, Kansas City, KS*

DISCUSSANT: Dan J. Raz, MD, Boston, MA

Adaptive Cellular Responses Following Lipopolysaccharide Treatment Are Dependent on Nitric Oxide Regulated, Mitochondrial Generation of Reactive Oxygen Species

Sean Whelan, MD; Evie H. Carchman, MD; Brian S. Zuckerbraun, MD, FACS. *From the University of Pittsburgh Medical Center, Pittsburgh, PA*

DISCUSSANT: Joshua M.V. Mammen, MD, PhD, FACS, Kansas City, KS

Elevated Mortality and Prolonged Intestinal Cell Death following Combined Radiation and Burn in a Mouse Model

Stewart R. Carter, MD; Anita Zahs; Jessica L. Palmer; Aleah L. Brubaker; Lu Wang, MD; Luis Ramirez; Mashkoor A. Choudhry, PhD; Sherri L. Yong, MD; Richard L. Gamelli, MD, FACS(Hon); Elizabeth J. Kovacs, PhD. *From the Burn and Shock Trauma Institute, Maywood, IL, and Loyola University Health Sciences Center, Maywood, IL*

DISCUSSANT: Jason K. Sicklick, MD, La Jolla, CA

Blockade of Angiotensin Converting Enzyme-Inhibitor (ACE-I) Prevents in Immunologically Relevant Colitis Model

Ryo Sueyoshi, MD; Kathleen Ignatoski, PhD; Manabu Okawada, MD; Daniel H. Teitelbaum, MD, FACS.

From the University of Michigan, Ann Arbor, MI

DISCUSSANT: Moderator

Radiation-Induced Changes in Intestinal and Tissue Nonspecific Alkaline Phosphatase: Implications for Recovery of Radiation Chemotherapy

Rebecca M. Rentea, MD; Vy Lam, PhD; Katherine Fredrich; Jennifer Callison; John E. Moulder, PhD; John E. Baker, PhD; David M. Gourlay, MD; Mary F. Otterson, MD, FACS. *From the Medical College of Wisconsin, Milwaukee, WI*

DISCUSSANT: Julio E. Garcia-Aguilar, MD, PhD, FACS, Duarte, CA

HB-EGF Protects the Intestines from Radiation Therapy-Induced Intestinal Injury

Mika A. B. Matthews, MD; Daniel J. Watkins, MD; Amanda Darbyshire; Gail E. Besner, MD, FACS. *From the Research Institute at Nationwide Children's Hospital, Columbus, OH, and the Ohio State University, Columbus, OH*

DISCUSSANT: Nipun B. Merchant, MD, FACS, Nashville, TN

SF14 | 12:45 - 4:00 pm

Biomarkers and Genetic Determinants of Disease and Outcomes

Location: W 474A

TRACKS: BTR, ONC

MODERATOR: Timothy R. Donahue, MD, FACS, Los Angeles, CA

Up-Regulation of Adipose Tissue GIP Receptor Expression in Human Obesity after Roux-en-Y Gastric Bypass.

Federico J. Serrot, MD; Robert B. Dorman, MD, PhD; Rocio Foncea, PhD; Brigitte Frohnert, MD, PhD; Daniel B. Leslie, MD; Bridget Slusarek, RN; David A. Bernlohr, PhD; Sayeed Ikramuddin, MD, FACS. *From the University of Minnesota, Minneapolis, MN*

DISCUSSANT: Darren R. Carpizo, MD, FACS, New Brunswick, NJ

Cytologic Atypia Is Equivalent to BRAF(V600E) Status in Predicting Malignancy of Indeterminate Thyroid Nodules

David A. Kleiman, MD; Matthew J. Sporn; Toni Beninato, MD; Michael J. Crowley; Anvy Nguyen, MD; Alessia Uccelli, MD; Rasa Zarnegar, MD, FACS; Thomas J. Fahey, MD, FACS. *From New York Presbyterian Hospital - Weill Cornell Medical College, New York, NY*

DISCUSSANT: Darren R. Carpizo, MD, FACS, New Brunswick, NJ

EpCAM: A Novel Bio-Marker of Progressive Metaplasia and Cancer Stem Cells in Esophageal Adenocarcinoma

Russell W. Farmer, MD; Yan Li, PhD; Xinqian Kang, PhD; Deyi Xiao; Charles St. Hill, MD; Nicholas Harper; Robert C. G. Martin, MD, PhD, FACS. *From the University of Louisville, Louisville, KY*

DISCUSSANT: Darren R. Carpizo, MD, FACS, New Brunswick, NJ

Altered PTEN, CHGA, CHGB and ATRX Expression Are Associated with Aggressive VHL-Associated Pancreatic Neuroendocrine Tumors

Allison B. Weisbrod, MD; Lisa Zhang, PhD; Meenu Jain, PhD; Stephanie Barak, MD; Martha Quezado, MD; Naris Nilubol, MD; Electron Kebebew, MD. *From the National Cancer Institute, National Institutes of Health, Bethesda, MD*
DISCUSSANT: Timothy R. Donahue, MD, FACS, Los Angeles, CA

Germline Mutations of the SMAD4 Promoter in Juvenile Polyposis

Jennifer C. Carr, MD; Fadi S. Dahdaleh, MD; Daniel Calva, MD; DongHong Wang; James R. Howe, MD. *From the University of Iowa Carver College of Medicine, Iowa City, IA*
DISCUSSANT: Timothy R. Donahue, MD, FACS, Los Angeles, CA

Repair of Cleft Lip in Utero by Reactivation of Craniofacial Developmental Programs

Elisabetta Ferretti, PhD; Karina A. Hernandez, DO; Alyssa J. Reiffel, MD; James Hart, DVM; Jason A. Spector, MD, FACS; Licia Selleri, MD. *From the Weill Cornell Medical College - New York Presbyterian Hospital, New York, NY*
DISCUSSANT: Timothy R. Donahue, MD, FACS, Los Angeles, CA

Methylation Profile of Plasma DNA As a Biomarker in Colorectal Cancer

Elisa Cassinotti, MD; Luigi Boni, MD, FACS; Victor Levenson, MD, PhD; Stefano Rausei, MD; Gianlorenzo Dionigi, MD, FACS; Alessandro Marzorati, MD; Renzo Dionigi, MD, FACS. *From the University of Insubria, Varese, Italy, and Rush University, Chicago, IL*
DISCUSSANT: Darren R. Carpizo, MD, FACS, New Brunswick, NJ

A Smad4-Modulated Wnt Target Gene Expression Profile Identifies High-Risk Colorectal Cancer Patients

J. Joshua Smith, MD, PhD; Tanner J. Freeman; Xi Chen, PhD; Natasha G. Deane, PhD; Mary K. Washington, MD, PhD; Frank Revetta; Joseph T. Roland, PhD; Steven Eschrich, PhD; Timothy J. Yeatman, MD, FACS; Robert D. Beauchamp, MD, FACS. *From the Vanderbilt University Medical Center, Nashville, TN, and Moffitt Cancer Center, Tampa FL*
DISCUSSANT: Darren R. Carpizo, MD, FACS, New Brunswick, NJ

miRNA Expression Profiling in Early and Advanced Rectal Cancer

Zhenbin Chen MD, PhD; Bing Mu, PhD; Hanjun Qin, PhD; Jinhui Wang, PhD; Harry Gao, PhD; Wanyan Li; Peter Cataldo, MD; Jorge E. Marcet, MD; Julio E. Garcia-Aguilar, MD, PhD. *From the City of Hope National Medical Center, Duarte, CA*
DISCUSSANT: Darren R. Carpizo, MD, FACS, New Brunswick, NJ

International Analysis of Unique DNA Mismatch Repair Gene Sequence Variants Redefines the Contribution of MSH2 and MLH1 to Colorectal Cancer (CRC) Incidence

Raj P. Raval, MD; Luis Baez-Cabrera, MD; John-Paul Plazzer, BE; Francesco Serafini, MD, FACS, Finlay Macrae, MD; Thomas K. Weber, MD, FACS. *From State University of New York Downstate Medical Center, New York, NY, VA New York Harbor Medical Center, Brooklyn, NY, and the Royal Melbourne Hospital, Melbourne, Australia*
DISCUSSANT: Timothy R. Donahue, MD, FACS, Los Angeles, CA

Free Circulating DNA as Potential Prognostic Factor in Colorectal Cancer

Elisa Cassinotti, MD; Luigi Boni, MD, FACS; Stefano Rausei, MD; Alessandro Marzorati, MD; Gianlorenzo Dionigi, MD, FACS; Renzo Dionigi, MD, FACS. *From the University of Insubria, Varese, Italy*
DISCUSSANT: Timothy R. Donahue, MD, FACS, Los Angeles, CA

Single Nucleotide Polymorphisms (SNPs) of TNFSF15 Are Associated with Surgical Diverticulitis

Tara M. Connelly, MB, BCh; John P. Hegarty, PhD; Arthur Berg, PhD; Zhenwu Lin, PhD; Sue Deiling; Yun Wang; Walter A. Koltun, MD. *From Penn State Milton S. Hershey Medical Center, Hershey, PA*
DISCUSSANT: Timothy R. Donahue, MD, FACS, Los Angeles, CA

SF15 | 12:45 - 4:00 pm Quality, Outcomes, and Costs I

Location: W 470B

TRACKS: EDU, HP

MODERATOR: Clara N. Lee, MD, FACS, Chapel Hill, NC

2012 Excellence in Research Award Recipient:
Daniel Shouhed, MD, Los Angeles, CA

All-Cause Surgical Readmissions: Does Administrative Data Tell the Real Story?

Greg D. Sacks, MD, MPH; Aaron J. Dawes, MD; Marcia M. Russell, MD; Anne Y. Lin, MD; Melinda M. Gibbons, MD; Areti Tillou, MD; James S. Tomlinson, MD, PhD; Darryl T. Hiyama, MD; Jonathan R. Hiatt, MD; Clifford Y. Ko, MD, FACS. *From the University of California-Los Angeles, Los Angeles, CA*
DISCUSSANT: Timothy M. Pawlik, MD, MPH, PhD, FACS, Cockeysville, MD

Racial Disparities and Site of Care in Readmissions after Major Surgery

Micah E. Girotti, MD; John D. Birkmeyer, MD, FACS; Justin B. Dimick, MD, MPH, FACS. *From the University of Michigan, Ann Arbor, MI*
DISCUSSANT: Elizabeth B. Habermann, Minneapolis, MN

Measuring Surgical Complications As a Quality Metric: Looking Beyond Hospital Discharge

Melanie Morris, MD; Rhiannon Deierhoi, MPH; Joshua S. Richman, MD, PhD; Laura Altom, MD; Kamal Itani, MD; Jamie Cannon, MD; William Henderson, MPH, PhD; Mary T. Hawn, MD, MPH, FACS. *From the University of Alabama at Birmingham, Birmingham, AL*
DISCUSSANT: Elizabeth C. Wick, MD, FACS, Baltimore, MD

Identification of Modifiable Factors for Reducing Readmission after Colectomy: A National Analysis

Elise H. Lawson, MD; Rachel Louie; David S. Zingmond, MD, PhD; Clifford Y. Ko, MD, FACS. *From University of California-Los Angeles, Los Angeles, CA*
DISCUSSANT: Elizabeth C. Wick, MD, FACS, *Baltimore, MD*

Validation of the American College of Surgeons National Surgical Quality Improvement Program (ACS-NSQIP®)

New Readmission Variables

Morgan M. Sellers; Ryan P. Merkow, MD, MSHS; Amy L. Halverson, MD; Keiki Hinami, MD; Rachel R. Kelz, MD, FACS; David J. Bentrem, MD; Karl Y. Bilimoria, MD. *From the Northwestern University Feinberg School of Medicine, Chicago, IL; University of Pennsylvania Perelman School of Medicine, Philadelphia, PA; and the University of Colorado Denver School of Medicine, Aurora, CO*
DISCUSSANT: Timothy M. Pawlik, MD, MPH, PhD, FACS, *Cockeysville, MD*

Which Diagnoses Are Responsible for Most 30-Day Pediatric Surgery Readmissions?

Andre P. Marshall, MD; James C. Gay, MD; Paul D. Hain, MD; Rebecca A. Snyder, MD; Jamie S. Tice, RN; Thomas P. Rauth, MD, MPH; Martin L. Blakely, MD, FACS. *From the Vanderbilt University Medical Center, Nashville, TN*
DISCUSSANT: Fizan Abdullah, MD, FACS, *Baltimore, MD*

Laparoscopic Colon Resection for Cancer Is Not Associated with Fewer Hospital-Based Encounters following Discharge

Dallas G. Hansen, MD; Justin P. Fox, MD; Cary P. Gross, MD; John S. Bruun, MD, FACS. *From Wright Patterson Air Force Base, Dayton, OH; Yale University School of Medicine, New Haven, CT; and Wright State University, Dayton, OH*
DISCUSSANT: Elizabeth B. Habermann, *Minneapolis, MN*

Flow Disruptions during Trauma Care

Daniel Shouhed, MD; Ken Catchpole, PhD; Eric J. Ley, MD; Jennifer Blaha; Renaldo C. Blocker, PhD; Sacha Duff; Cathy Karl; Richard Karl, MD; Bruce L. Gewertz, MD, FACS; Doug Wiegmann, PhD. *From the Cedars Sinai Medical Center, Los Angeles, CA*
DISCUSSANT: James F. Calland, MD, FACS, *Charlottesville, VA*

Are All Trauma Centers Equal: Analyzing Pediatric Outcomes

Cassandra V. Villegas, MD; Hannah A. Dineen; Moutam Sadoun, MD; Julie L. Wynne, MD; Randall S. Friese, MD, MPH; Andrew Tang, MD; Terence O'Keefe, MB, BCh, MSPH; Narong Kulvatunyou, MD; Peter M. Rhee, MD, MPH, FACS; Bellal A. Joseph, MD. *From the University of Arizona, Tucson, AZ*
DISCUSSANT: Fizan Abdullah, MD, FACS, *Baltimore, MD*

Surgical Team Assessment Training (STAT): Improving Surgical Teams during Deployment

Dwight C. Kellicut, MD, FACS; Eric Kuncir, MD, FACS; Hope M. Williamson, RN, PhD; Peter E. Nielsen, MD. *From the Tripler Army Medical Center,*

Honolulu, HI, and the Madigan Army Medical Center, Tacoma, WA

DISCUSSANT: James F. Calland, MD, FACS, *Charlottesville, VA*

Comparative Study between Manual Aspiration and Closed Tube Thoracostomy in the Management of Pneumothorax Secondary to Trauma: A Prospective Randomized Control Trial Done in a Tertiary Hospital Specialized in Trauma

Marie Abigail Garchitorea Ramirez, MD; Nilo C. Delos Santos, MD, FPSGS, FPCS; Florentino C. Doble, MD, FPSGS, FPCS; Edgar A. Baltazar, MD, FPCS, FACS; Eric S. Talens, MD, FPCS, FACS; Estanislao C. De Castro, MD, FPCS; Allan Troy D. Baquir, MD, FPSGS, FPCS. *From the East Avenue Medical Center, Quezon City, Philippines*
DISCUSSANT: Anthony G. Charles, MB, BS, MPH, FACS, *Chapel Hill, NC*

Rethinking the Burden of Surgical Disease: Beyond Simple Counts of Operative Cases

Cristina A. Metildi, MD; Mark A. Talamini, MD, FACS; Stephen W. Bickler, MD, FACS; David C. Chang, PhD, MPH. *From the University of California-San Diego, San Diego, CA*
DISCUSSANT: Anthony G. Charles, MB, BS, MPH, FACS, *Chapel Hill, NC*

SF16 | 2:30 - 5:45 pm Cardiothoracic Surgery I

Location: W 471A

TRACK: CTS

MODERATOR: Gorav Ailawadi, MD, FACS, *Charlottesville, VA*

2012 Excellence in Research Award Recipient:
Sumanth Channapatna Suresh, MD, *Farmington, CT*

Notch Signaling and the Neovascular Response to Ethanol and Chronic Myocardial Ischemia

Antonio D. Lassaletta, MD; Nassrene Y. Elmadhun, MD; Louis M. Chu, MD; Thomas A. Burgess; Frank W. Sellke, MD, FACS. *From the Warren Alpert Medical School of Brown University, Providence, RI*
DISCUSSANT: Pavan Atluri, MD, *Philadelphia, PA*

Hemodynamic, Metabolic, and Histological Effects of Phentolamine during Selective Cerebral Perfusion in Neonatal Piglets

Ivan Ricardo Argueta-Morales, MD; Monica Olsen, CCP; Constantine Ionan, MD; Moui Nguyen, CCP; Sarina Amin; Sara Danker; Lauren Meador, PA-C; Hamish Munro, MD; William M. DeCampi, MD, PhD, FACS. *From the Heart Center at Arnold Palmer Hospital for Children, Orlando, FL, and the College of Medicine at the University of Central Florida, Orlando, FL*
DISCUSSANT: Vinod H. Thourani, MD, FACS, *Atlanta, GA*

Intramyocardial Gene Therapy with Adeno Beta-Catenin Preserves Cardiac Function by Increased Angiogenesis and Cell Survival in Type I Diabetic Rat

Sumanth Channapatna Suresh, MD; Mahesh Thirunavukkarasu, PhD; Vaithinathan Selvaraju, PhD; Nilanjana Maulik, PhD; Juan A. Sanchez, MD,

FACS. *From the University of Connecticut Health Center, Farmington, CT*

DISCUSSANT: Frederick Y. Chen, MD, FACS, *Boston, MA*

Differential Inflammatory Response during Fetal Cardiac Regeneration following Myocardial Infarction (MI) NIH 1T32HL105324

Michael W. Morris, Jr., MD; Myron Allukian, MD; Junwang Xu, PhD; Robert C. Caskey, MD; Wanda A. Dorsett-Martin, DVM; Marc E. Mitchell, MD; Joseph H. Gorman, MD, FACS; Robert C. Gorman, MD, FACS; Kenneth W. Liechty, MD, FACS. *From the University of Mississippi Medical Center, Jackson, MS; Hospital of the University of Pennsylvania, Philadelphia, PA; and Nemours Children Hospital, Orlando, FL*

DISCUSSANT: James J. Gangemi, MD, FACS, *Charlottesville, VA*

Alcohol Consumption Alters the Insulin Signaling Pathway in Ischemic Myocardium

Nassrene Y. Elmadhun, MD; Antonio D. Lassaletta, MD; Louis M. Chu, MD; Ina Soh; Frank W. Sellke, MD, FACS. *From the Warren Alpert School of Medicine, Brown University, Providence, RI*

DISCUSSANT: S. Chris Malaisrie, MD, FACS, *Chicago, IL*

The Cardioprotective Mechanism of Diazoxide Is Not via the Inhibition of Succinate Dehydrogenase Independent of K-ATP Channel Subunit SUR1

Melissa M. Anastacio, MD; Angela D. Sellitto; Evelyn M. Kanter; Richard D. Schuessler, PhD; Colin G. Nichols, PhD; Jennifer S. Lawton, MD. *From the Washington University School of Medicine, St. Louis, MO*

DISCUSSANT: Shahab A. Akhter, MD, FACS, *Chicago, IL*

Alterations in Intracardiac Flow Patterns Affect Mitral Leaflet Dynamics in Ischemic Mitral Regurgitation

Melissa M. Levack, MD; Walter R. T. Witschey, PhD; Jeremy R. McGarvey, MD; Norihiro Kondo, MD; Alex J. Barker, PhD; Michael Markl, PhD; Joseph H. Gorman III, MD, FACS; James J. Pilla, PhD; Robert C. Gorman, MD, FACS. *From the University of Pennsylvania, Philadelphia, PA, and Northwestern University, Chicago, IL*

DISCUSSANT: Gorav Ailawadi, MD, FACS, *Charlottesville, VA*

EphB4 Mediated Endothelial Nitric Oxide Synthase Activation Regulates Vein Graft Adaptation

Michael J. Collins, MD; Akihito Muto, MD, PhD; Amanda Feigel, MD; Clinton D. Protack, MD; Caroline C. Jadowiec, MD; Chenzi Yang, MD; David D. Yuh, MD; Alan Dardik, MD, PhD, FACS. *From Yale University, New Haven, CT, and VA Connecticut Healthcare System, West Haven, CT*

DISCUSSANT: Jennifer S. Lawton, MD, FACS, *St. Louis, MO*

Hyponatremia Decreases LVEF after Ischemia by Modulating NO Production

Weiping Ye, PhD, MD, MPH; Daniel Lee; James Ralston; Jay Zweier, MD; Juan Crestanello, MD. *From Ohio State University, Columbus, OH*

DISCUSSANT: Moderator

Hydrogel Encapsulation of the Endothelial Progenitor Stem Cell Cytokine Stromal Cell Derived Factor-1alpha to Facilitate Sustained Release Therapy

John W. MacArthur, MD; Brendan P. Purcell; Alexander S. Fairman; Alen Trubelja; Philip F. Hsiao; Elaine Yang; William Hiesinger, MD; Pavan Atluri, MD; Jason P. Burdick, PhD; Y. Joseph Woo, MD, FACS. *From the University of Pennsylvania, Philadelphia, PA*

DISCUSSANT: Frank W. Sellke, MD, FACS, *Providence, RI*

SF17 | 2:30 - 5:45 pm

Orthopaedic Surgery, Neurosurgery, Obstetrics, and Gynecology

Location: W 474B

TRACKS: ORT, NS, OB-GYN

MODERATOR: Timothy A. Damron, MD, FACS, *East Syracuse, NY*

2012 Excellence in Research Awards Distribution/Surgical Forum Dedication (2:30 - 2:45 pm)

Effect of Body Mass Index on Early Outcomes of Degenerative Lumbar Surgery

Amanda N. Goldin; Dirk H. Alander, MD, FACS. *From St. Louis University, St. Louis, MO*

DISCUSSANT: Murat Pekmezci, MD, *San Francisco, CA*

CT-Based Structural Rigidity Analysis Yields High Specificity and Sensitivity for Femoral Fracture Prediction

Carlos Enrique Brown; Vahid Entezari, MD; Ara Nazarian, PhD; Brian D. Snyder, MD; John A. Hipp, PhD; Richard M. Terek, MD; Albert J. Aboulafia, MD; Megan E. Anderson, MD; Mark C. Gebhardt, MD; Timothy A. Damron, MD, FACS. *From SUNY Upstate Medical University, Syracuse, NY*

DISCUSSANT: Danielle Katz, MD, FACS, *Syracuse, NY*

Decreased Bone in Fracture Healing As a Result of Increased Chondrocyte Apoptosis

Zhen Wang, MD; Marie La Russa; Vania Rashidi; Namrata J. Barbhuiya; Misha C. Tran; Michael T. Longaker, MD, FACS; George P. Yang, MD, PhD, FACS. *From Stanford University, Stanford, CA*

DISCUSSANT: Timothy A. Damron, MD, FACS, *Syracuse, NY*

Current Clinical Protocols for Cervical Spine Clearance in Level I Trauma Centers in the United States

Alexander Antonios Theologis, MD; Robert Dionisio; Geoffrey Manley, MD, PhD; Robert Mackersie, MD; Trigg McClellan, MD; Murat Pekmezci, MD. *From the University of California-San Francisco, San Francisco, CA*

DISCUSSANT: Robert B. Simpson, MD, FACS, *Syracuse, NY*

Is Odontoid Lateral Mass Interspace (OLMI) Asymmetry a Normal Anatomical Variant in Patients after Trauma?

Franck Georges Billmann, MD, PhD, FACS; Therezia Bokor-Billmann, MD, FACS; Marcus Leicht, MD; Erhard Kiffner, MD. *From St. Vincentius Kliniken, Karlsruhe, Germany*

DISCUSSANT: Robert B. Simpson, MD, FACS, *Syracuse, NY*

Influence of Metal Ions on Human Lymphocytes and the Generation of Titanium-Specific T-lymphocytes

Dieter Cadosch, MD, PhD; Erwin Chan, PhD; P. Oliver Gautschi, MD; Luis Filgueira, MD; Hans-Peter Simmen, MD. *From the University Hospital of Zurich, Zurich, Switzerland*

DISCUSSANT: George P. Yang, MD, FACS, *Stanford, CA*

Postoperative Walking Enhancements for Recovery (POWER): A Randomized Controlled Trial

Colleen Rivard, MD; Maïke Liebermann, MD; Michael Awad, DO; Megan DeJong, MD; Jim Sinacore, PhD; Linda Brubaker, MD, FACS. *From the Loyola University Medical Center, Maywood, IL*

DISCUSSANT: Ilan S. Rubinfeld, MD, FACS, *Detroit, MI*

Clavien 4&5 Complications Associated with Open and Minimally Invasive Hysterectomy: Exploring NSQIP® Data

Rupen A. Shah, MD; Adnan R. Munkarah, MD; Thomas Buekers, MD; Ilan S. Rubinfeld, MD, FACS. *From the Henry Ford Hospital, Detroit, MI*

DISCUSSANT: Moderator

In Vitro Generation of Three-Dimensional Functional Ovarian Structures

Sunyoung Joo, MD; Sittadjody Sivanandane, PhD; Emanuel C. Opara, PhD; John D. Jackson, PhD; James J. Yoo, MD, PhD; Anthony Atala, MD, FACS. *From Wake Forest University, Winston-Salem, NC*

DISCUSSANT: Ilan S. Rubinfeld, MD, FACS, *Detroit, MI*

Retrospective Review of Thromboembolic Phenomena following Craniotomy for Brain Tumor

Angela M. Bohnen, MD; Joseph G. Adel, MD; James P. Chandler, MD, FACS. *From Northwestern Memorial Hospital, Chicago, IL*

DISCUSSANT: William C. Welch, MD, FACS, *Pittsburgh, PA*

The Goal of This Study Is to Analyze Risk Factors for Venous Thromboembolism (VTE) Development in High Grade Glioma Patients Undergoing Surgery, and to Assess the Impact of Deep Venous Thrombosis (DVT) Development on Survival after Surgery

Timothy R. Smith, MD, PhD, MPH; Randall B. Graham, MD; Joseph G. Adel, MD; James P. Chandler, MD, FACS. *From Northwestern Memorial Hospital, Chicago, IL*

DISCUSSANT: William C. Welch, MD, FACS, *Pittsburgh, PA*

SF18 | 2:30 - 5:45 pm

Surgical Oncology/Endocrine II

Location: W 471B

TRACK: ONC

MODERATOR: Jason B. Fleming, MD, FACS, *Houston, TX*

Targeting CSE1L in Colorectal Cancer

Jose M. Pimiento, MD; Domenico Coppola, MD; Anying Zhang; Kazim Husain, PhD; Steven Eschrich, PhD; Dung-Tsa Chen, PhD; Mokenge P. Malafa, MD, FACS. *From the H Lee Moffitt Cancer Center, Tampa, FL*

DISCUSSANT: Charles Cha, MD, FACS, *New Haven, CT*

Loss of Bcl-2 Expression Impacts Survival in Colorectal Cancer Using a High Throughput Tissue Microarray Analysis (AQUA)

Allen Nicholson; Xiaojia Guo, PhD, MS; Catherine Sullivan; Charles Cha, MD, FACS. *From Yale School of Medicine, New Haven, CT, and VA Connecticut Healthcare Systems, New Haven, CT*

DISCUSSANT: Robert C. G. Martin, MD, PhD, FACS, *Louisville, KY*

Fluorophore-Conjugated Antibodies Improve Surgical Resection of Pancreatic Cancer Leading to Prolonged Disease-Free Survival and Overall Survival in Orthotopic Mouse Models

Cristina A. Metildi, MD; Sharmeela Kaushal, PhD; Mark A. Talamini, MD, FACS; George A. Luiken, MD; Robert M. Hoffman, PhD; Michael Bouvet, MD, FACS. *From the University of California-San Diego, San Diego, CA; OncoFluor, Incorporated, San Diego, CA; and AntiCancer, Incorporated, San Diego, CA*

DISCUSSANT: Matthew H. G. Katz, MD, *Houston, TX*

Loss of Programmed Death-1 Signaling Uncouples the Anti-inflammatory and Immunosuppressive Effects of Liver Regulatory T Cells in a Model of Obstructive Jaundice

Lauren A. Licata, MD; Cang T. Nguyen; Rachel A. Burga; Seema Naheed, MD; Xiaofei Wang, MD; Liu J. Wang, MD; Alfred Ayala, PhD; Richard P. Junghans, MD, PhD; N. Joseph Espat, MD; Steven C. Katz, MD, FACS. *From the Roger Williams Medical Center, Providence, RI; Boston University School of Medicine, Boston, MA; and Brown University School of Medicine, Providence, RI*

DISCUSSANT: Carol J. Swallow, MD, FACS, *Toronto, ON*

Inhibition of Stromal TGFbetaR2 Reduces Pancreatic Cancer Growth and Metastasis in Vivo

Katherine T. Ostapoff, MD; Bercin Cenik, MD; Rodrich E. Schwarz, MD, PhD, FACS; Kyla D. Carroll, PhD; Rolf A. Brekken, PhD. *From the University of Texas Southwestern, Dallas, TX, and Imclone Systems, New York City, NY*

DISCUSSANT: James J. Mezhir, MD, *Iowa City, IA*

Preoperative Hypercoagulability Is Associated with Advanced Disease in Cancer

Chad M. Thorson, MD; Robert M. Van Haren, MD; Mark L. Ryan, MD; Emiliano Curia, MD; Danny Sleeman, MD, FACS; Joe U. Levi, MD, FACS; Alan S. Livingstone, MD, FACS; Kenneth G. Proctor, PhD. *From the University of Miami, Miami, FL*

DISCUSSANT: Thomas A. Aloia, MD, FACS, *Houston, TX*

RON Overexpression Drives Macrophage Differentiation toward an Alternatively Activated (M2) Phenotype in a Mouse Model of Spontaneous Pancreatic Carcinogenesis

Michele L. Babicky, MD; Megan M. Harper; Evangelina Mose; Dawn Jaquish; Randy French, PhD; Andrew M. Lowy, MD, FACS. *From the University of California-San Diego, San Diego, CA*

DISCUSSANT: Mokenge P. Malafa, MD, FACS, *Tampa, FL*

Polo-Like Kinase 4 (Plk4) Enhances Cancer Cell Motility via RhoGTPase Activation

Francis Si Wai Zih, MD; Carla O. Rosario, PhD; Olga Brashavitskaya; Karineh Kazazian, MD; Carol J. Swallow, MD, PhD, FACS, FRCS. *From Mount Sinai Hospital, Toronto, ON*

DISCUSSANT: Andrew M. Lowy, MD, FACS, *La Jolla, CA*

Inhibition of Dendritic Cells Fatty Acid Synthesis Enhance Their Immune-Stimulatory Potential

Adeel Rehman, MD; Keith C Hemmert; Justin R. Henning, MD; Constantinos P. Zambirinis, MD; Shahzad Rahim, MD; Mohsin Jamal, MD; Rocky M. Barilla; Nina Fallon; Christopher S. Graffeo; George Miller, MD, FACS. *From New York University School of Medicine, New York City, NY*

DISCUSSANT: Steven C. Katz, MD, FACS, *Providence, RI*

Ascorbate-Induced Autophagy: Mode of Cell Death or Mechanism for Survival?

Jessemae L. Welsh, MD; Juan Du, PhD; Zita Sibenaller, PhD; Joseph J. Cullen, MD, FACS. *From the University of Iowa, Iowa City, IA*

DISCUSSANT: Nicholas J. Zyromski, MD, FACS, *Indianapolis, IN*

Extracellular Superoxide Dismutase Promotes Pancreatic Cancer Liver Metastasis

Jennifer E. Hrabe, MD; Adam J. Case, PhD; Brianne R. O'Leary, PhD; Trenton L. Place; Alicia K. Olivier, DVM, PhD; Michael D. Henry, PhD; Frederick E. Domann, PhD; James J. Mezhir, MD. *From the University of Iowa Hospitals and Clinics, Iowa City, IA*

DISCUSSANT: Moderator

Prolyl-hydroxylase 3 Silencing Correlates with Epithelial to Mesenchymal Transition in Pancreatic Ductal Adenocarcinoma

Trenton L. Place; James J. Mezhir, MD; Frederick E. Domann, PhD. *From the University of Iowa Hospitals and Clinics, Iowa City, IA*

DISCUSSANT: Michael Bouvet, MD, FACS, *San Diego, CA*

SF19 | 2:30 - 5:45 pm

Urology and Reproductive Surgery II (Robotics/MIS)

Location: W 470A

TRACK: URO

MODERATOR: Erik P. Castle, MD, FACS, *Phoenix, AZ*

CO-MODERATOR: Daniel A. Barocas, MD, MPH, *Nashville, TN*

2012 Excellence in Research Award Recipient:

Ian Udell, MD, *Chapel Hill, NC*

Patterns of Minimally Invasive Radical Prostatectomy (MIRP) versus Open Radical Retropubic Prostatectomy (ORP) in Patients Older than 70

Priyanka Gupta, MD; Oluwakayode Adejoro, MD; Badrinath R. Konety, MD, FACS. *From the University of Minnesota, Minneapolis, MN*

DISCUSSANT: Costas D. Lallas, MD, FACS, *Philadelphia, PA*

Outcomes after Minimally Invasive Radical Prostatectomy (MIRP) versus Open Radical Prostatectomy (ORP) in Patients Older than 70

Priyanka Gupta, MD; Oluwakayode Adejoro, MD; Badrinath R. Konety, MD, FACS. *From the University of Minnesota, Minneapolis, MN*

DISCUSSANT: Costas D. Lallas, MD, FACS, *Philadelphia, PA*

Risk and Prevention of Acute Urinary Retention after Robotic Prostatectomy

Ryan Novak, MD; Tariq A. Khemees, MD; Ronney Abaza, MD, FACS. *From the Ohio State University Medical Center & James Cancer Hospital, Columbus, OH*

DISCUSSANT: Costas D. Lallas, MD, FACS, *Philadelphia, PA*

Prospective Randomized Controlled Trial of Robotic vs. Open Radical Cystectomy for Bladder Cancer: Median 3-Year Follow-up Results

Ian Udell, MD; Raj Kurpad, MD; Angela B. Smith, MD; Michael E. Woods, MD; Eric M. Wallen, MD, FACS; Matthew E. Nielsen, MD; Raj S. Pruthi, MD, FACS. *From the University of North Carolina, Chapel Hill, NC*

DISCUSSANT: Rodney Davis, MD, FACS, *Nashville, TN*

Comparison of Renal Function Outcomes: Resection vs. Radiofrequency Ablation

Christopher J. Martin; Robert I. Carey, MD, PhD, FACS; Marco Ferrara; Mark J. Murnane. *From Florida State University College of Medicine, Sarasota, FL, and Urology Treatment Center, Sarasota, FL*

DISCUSSANT: Matthew E. Nielsen, MD, *Chapel Hill, NC*

Ablation of Small Renal Masses: Practice Patterns at Academic Institutions in the United States

Sutchin R. Patel, MD; E. Jason Abel, MD; Sean P. Hedican, MD; Stephen Y. Nakada, MD, FACS. *From the University of Wisconsin School of Medicine and Public Health, Madison, WI*

DISCUSSANT: Matthew E. Nielsen, MD, *Chapel Hill, NC*

Early Postoperative Complications after Robotic vs. Open Radical Cystectomy

Tariq A. Khemees, MD; David N. Prall, MD; Robert R. Bahnson, MD, FACS; Ahmad Shabsigh, MD, FACS. *From the Ohio State University Medical Center, Columbus, OH*

DISCUSSANT: Angela B. Smith, MD, *Durham, NC*

Median Lobe Prostatic Enlargement and Urinary Symptoms after Robot-Assisted Radical Prostatectomy

Trisha Fleet; Betty Skipper, PhD; Satyan K. Shah, MD, FACS. *From the University of New Mexico School of Medicine, Albuquerque, NM*

DISCUSSANT: Angela B. Smith, MD, *Durham, NC*

Review of Positive Surgical Margin Rates and Nodal Status in Robotic-Assisted Radical Cystectomy (RARC)

Philip Zhao, MD; Murali K. Ankem, MD, FACS; Robert E. Weiss, MD, FACS. *From the University of Dentistry and Medicine, New Jersey-Robert Wood Johnson Medical School, New Brunswick, NJ*

DISCUSSANT: Rodney Davis, MD, FACS, *Nashville, TN*

Cost Analysis of Robotic-Assisted Radical Cystectomy vs. Open Radical Cystectomy Utilizing a Prospective, Randomized Cohort

Ian Udell, MD; Raj Kurpad, MD; Angela B. Smith, MD; Michael E. Woods, MD; Eric M. Wallen, MD, FACS; Matthew E. Nielsen, MD; Raj S. Pruthi, MD, FACS. *From the University of North Carolina, Chapel Hill, NC*

DISCUSSANT: Rodney Davis, MD, FACS, Nashville, TN

Renal Artery Embolization Immediately before Laparoscopic Radical Nephrectomy for T3 Renal Cancer

Kelly C. Johnson, MD; Adam Howe, MD; Saum Rahimi, MD; Robert E. Weiss, MD; Murali K. Ankem, MD, FACS. *From the University of Dentistry and Medicine, New Jersey/ Robert Wood Johnson Medical School, New Brunswick, NJ, and the University of Louisville School of Medicine, Louisville, KY*

DISCUSSANT: Costas D. Lallas, MD, FACS, Philadelphia, PA

Wednesday, October 3

SF20 | 8:00 - 11:15 am

Alimentary Tract III

Location: W 471B

TRACK: GEN

MODERATOR: Timothy M. Pawlik MD, PhD, FACS, Cockeysville, MD

Insurance Status Impacts Hospital Transfer and Subsequent Outcomes for Acute Cholecystitis

Zeling Chau, MD; Elan R. Witkowski, MD; Elizaveta Ragulin-Coyne, MD; Sing-Chau Ng; Shimul A. Shah, MD; Heena P. Santry, MD, FACS; Jennifer F. Tseng, MD, MPH, FACS. *From the University of Massachusetts Medical School, Worcester, MA, and Beth Israel Deaconess Medical Center Boston, MA*

DISCUSSANT: Taylor S. Riall, MD, PhD, FACS, Galveston, TX

A Practical Index to Predict 14-day Mortality Following Hospital Discharge after High-Risk GI Operations

David C. Chang, PhD, MPH; Molly C. Easterlin; Mark A. Talamini, MD, FACS. *From the University of California-San Diego, San Diego, CA*

DISCUSSANT: Jennifer F. Tseng, MD, MPH, FACS, Worcester, MA

Letting the Sun Set on Small Bowel Obstruction: Can a Simple Risk Score Tell Us When Nonoperative Care Is Appropriate?

Elizabeth Ann O'Leary, MD; William S. Yi; Kari Fujita; Conor F. Hynes; Suma K. Chandra; Sameer Desale; Jack Sava, MD, FACS. *From Washington Hospital Center, Washington, DC*

DISCUSSANT: Lillian S. Kao, MD, FACS, Houston, TX

Synergistic Reduction of Postoperative Adhesions by Combined Intraoperative Administration of a Histone Deacetylase Inhibitor and a Neurokinin-1 Receptor Antagonist Is Achieved by Targeting Different Mechanisms in Adhesiogenesis

Michael R. Cassidy, MD; Joseph J. Gallant; Alan C. Sherburne, MD; Melanie L. Gainsbury, MD; Holly

K. Sheldon, MD; Arthur F. Stucchi, PhD. *From the Boston University Medical Center, Boston, MA*

DISCUSSANT: George A. Sarosi, MD, FACS, Gainesville, FL

Postoperative Ileus Is Influenced by IL-1 Receptor Signaling

Burkhard Stoffels, MD; K. Johannes Hupa; Joerg C. Kalf, MD, FACS; Sven Wehner, PhD. *From the University of Bonn, Bonn, Germany*

DISCUSSANT: Moderator

Nonvascular Myocyte TLR4 Regulates Intestinal and Systemic Inflammation and Prevents Late Ileus in Murine Endotoxemia

Bettina M. Buchholz, MD; Yoram Vodovotz, PhD; Derek Barclay; Richard A. Shapiro; Timothy R. Billiar, MD, FACS; Chhinder Sodhi, PhD; David J. Hackam, MD, PhD, FACS; Anthony J. Bauer, PhD. *From the University of Pittsburgh, Pittsburgh, PA*

DISCUSSANT: Christopher P. Steffes, MD, FACS, Detroit, MI

Endogenous IL-23 Protects against Acinar Injury in LPS-Mediated Mouse Severe Acute Pancreatitis

Gregory M. Boucher, DO; Albert E. Stanek, MD; Sidharth Sharma, MD; Cathy M. Mueller; Gainosuke Sugiyama, MD; Thomas K. Weber, MD, FACS; Nico Ghilardi, PhD; Wenjun Ouyang, PhD; Antonio E. Alfonso, MD, FACS; Chongmin Huan, MD, PhD. *From the State University of New York, Downstate Medical Center, Brooklyn, NY; VA New York Harbor Health Care System, Brooklyn, NY; and Genentech, Inc., South San Francisco, CA*

DISCUSSANT: Mark P. Callery, MD, FACS, Boston, MA

Cerulein-Treated Ras-Activated Mice Develop Painful Chronic Pancreatitis

Sandhya Bondada, MD; Cali Johnson; Fiore Cattaruzza, PhD; Wendy Cedron; Eileen F. Grady, PhD; Baoan Ji, PhD; Craig Logsdon, PhD; Kimberly S. Kirkwood, MD, FACS. *From the University of California-San Francisco, San Francisco, CA*

DISCUSSANT: Nicholas J. Zyromski, MD, FACS, Indianapolis, IN

Spinal Microglia Are Activated in a Painful Model of Murine Chronic Pancreatitis

Cali Johnson; Fiore Cattaruzza, PhD; Sandhya Bondada, MD; Ferda Cevikbas, PhD; Wendy Cedron; Eileen F. Grady, PhD; Kimberly S. Kirkwood, MD, FACS. *From the University of California-San Francisco, San Francisco, CA*

DISCUSSANT: O. Joe Hines, MD, FACS, Los Angeles, CA

Inhibition of NF-kappaB Enhances the Anti-tumor Effect of Combination Treatment with Tumor Necrosis Factor-Alpha (TNF-Alpha) Gene Therapy and Gemcitabine for Pancreatic Cancer in Mice

Yuki Fujiwara, MD; Hiroaki Shiba, MD, PhD; Ryota Iwase, MD; Koichiro Haruki, MD; Kenei Furukawa, MD, PhD; Tadashi Uwagawa, MD, PhD; Takeyuki Misawa, MD, PhD, FACS; Toya Ohashi, MD, PhD; Katsuhiko Yanaga, MD, PhD, FACS. *From the Jikei University School of Medicine, Tokyo, Japan*

DISCUSSANT: Nipun B. Merchant, MD, FACS, Nashville, TN

Ezetimibe Ameliorates Hepatic Steatosis but Potentiates Hepatic Oxidative Stress

Abhishek Mathur, MD; Rachel Wilson; Terrence Wade, MD; Lu Debaio, MD; Deborah Swartz-Basile, PhD; Nicholas J. Zyromski, MD; Henry A. Pitt, MD, FACS. *From the University of South Florida, Tampa, FL, and the Indiana University School of Medicine Indianapolis, IN*
DISCUSSANT: Shishir K. Maithel, MD, FACS, Atlanta, GA

Intraoperative Ultrasound Does Not Predict Hepatic Ablation Zone Border Viability

Ami M. Karkar, MD; Camilo Correa-Gallego, MD; Sebastien Monette, DVM; Paula C Ezell, DVM; William R. Jarnagin, MD, FACS; T. Peter Kingham, MD. *From the Memorial Sloan-Kettering Cancer Center, New York, NY*
DISCUSSANT: Thomas A. Aloia, MD, FACS, Houston, TX

SF21 | 8:00 - 11:15 am

Critical Care II: Epidemiology and Management of Trauma

Location: W 470B

TRACKS: GEN, TRA

MODERATOR: Jeffrey A. Claridge, MD, FACS, Cleveland, OH

Interhospital Transfer: An Independent Risk Factor for Mortality in the Surgical Intensive Care Unit

Katherine R. Arthur, MD; Rachel R. Kelz, MD, FACS; Matthew Robertson, CRNP; Carrie A. Sims, MD, FACS; Jose L. Pascual, MD, PhD, FACS; Patrick M. Reilly, MD, FACS, FCCP; Daniel N. Holena, MD, FACS. *From the University of Pennsylvania School of Medicine, Philadelphia, PA*
DISCUSSANT: David T. Efron, MD, FACS, Baltimore, MD

Predicting Mortality in Trauma Patients: The Discriminative Accuracy of Pre-hospital Physiological Variables vs. the Current Registry Standard TRISS

Alexander Van Esbroeck; Brian R. Lace, MD; Amy C. Sisley, MD, FACS; Zeeshan Syed, PhD; Ilan S. Rubinfeld, MD, FACS. *From the University of Michigan, Ann Arbor, MI, and Henry Ford Hospital, Detroit, MI*
DISCUSSANT: Mark A. Malangoni, MD, FACS, Philadelphia, PA

Payer Type Is Associated with Disparities in Mortality from Penetrating Trauma

Paul Logan Weygandt; Lia I. Losonczy, MPH; Eric B. Schneider, PhD; Mehreen T. Kisat, MB, BS; Lauren K. Licatino; Edward E. Cornwell III, MD, FACS; Elliot R. Haut, MD, FACS; David T. Efron, MD, FACS; Adil H. Haider, MB, BS, MPH, FACS. *From Johns Hopkins University School of Medicine, Baltimore, MD*
DISCUSSANT: James F. Calland, MD, FACS, Charlottesville, VA

Does the Fed State Impact Outcome in Polytrauma and Hemorrhagic Shock?

Uroghupatei P. Iyegha, MD; Nancy Witowski, PhD; Dan Lexcen, PhD; Kristine Mulier, MB, BS; Javariah I. Asghar, MD; Beth Luszczek, PhD; Greg J. Beilman, MD, FACS. *From the University of Minnesota, Minneapolis, MN*
DISCUSSANT: Robert N. Cooney, MD, FACS, Syracuse, NY

Hyperfibrinolysis on Thromboelastogram (TEG) Predicts Mortality in Massively Transfused Trauma Patients

Nicole M. Tapia, MD; Alex L. Chang, MD; Michael A. Norman, MD, FACS; Francis J. Welsh, MD, FACS; Bradford G. Scott, MD, FACS; Matthew J. Wall, Jr., MD, FACS; Kenneth L. Mattox, MD, FACS; James W. Suliburk, MD, FACS. *From the Baylor College of Medicine, Houston, TX*
DISCUSSANT: Jason L. Sperry, MD, MPH, FACS, Pittsburgh, PA

Effect of Mesenchymal Stem Cells on the Inflammatory Response following Injury

Kristin M. Cook, MD; Ziad C. Sifri, MD, FACS; Latha Pasupuleti, MD; Walter Alzate; Alicia M. Mohr, MD; David H. Livingston, MD. *From the University of Medicine and Dentistry-New Jersey Medical School, Newark, NJ*
DISCUSSANT: Addison K. May, MD, FACS, Nashville, TN

Autologous Cellular Therapy for Traumatic Brain Injury: Mechanisms of Action

Robert Andrew Hetz, MD; Supinder S. Bedi, PhD; Peter A. Walker, MD; Shinil K. Shah, DO; Fernando Jimenez; Chelsea P. Thomas; Philippa Smith; Shibani Pati, MD, PhD; Promad Dash, PhD; Charles S. Cox, MD, FACS. *From the University of Texas Health Science Center Houston, Houston, TX*
DISCUSSANT: Moderator

Plasmonic Thrombospondin-1, via Cell Surface CD47, Rescues Animals from Hemorrhagic Shock

Marcus K. Hoffman, MD; Yonitte Kinsella, MD; Sebastian Korff, MD; Jeffrey S. Isenberg, MD, MPH; Timothy R. Billiar, MD, FACS. *From the University of Pittsburgh School of Medicine, Pittsburgh, PA*
DISCUSSANT: Moderator

Is Early Initiation of Prophylactic Heparin in Severe Traumatic Brain Injury Neuroprotective?

Luke Kim; James Schuster, MD, PhD; Daniel N. Holena, MD, FACS; Carrie A. Sims, MD, FACS; Joshua Levine, MD; Jose L. Pascual, MD, PhD, FACS. *From the University of Pennsylvania, Philadelphia, PA*
DISCUSSANT: Jill R. Cherry-Bukowiec, MD, FACS, Ann Arbor, MI

Chitosan-Based Hemostatic Dressing Is Associated with Decreased Blood Loss in a Swine Uncontrolled Hemorrhage Model

Nicholas R. Kunio, MD; Gordon M. Riha, MD; Katherine M. Watson; Igor V. Kremenevskiy, MD; Jerome A. Differding, MPH; Martin A. Schreiber, MD, FACS; Jennifer M. Watters, MD, FACS. *From Oregon Health & Science University, Portland, OR*
DISCUSSANT: Charles J. Yowler, MD, FACS, Cleveland, OH

SF22 | 8:00 - 11:15 am

Progenitor Cells and Cell-Based Therapies

Location: W 471A

TRACK: BTR

MODERATOR: Howard Levinson, MD, FACS, Durham, NC
CO-MODERATOR: Aimen F. Shaaban, MD, FACS, Iowa City, IA

2012 Excellence in Research Award Recipient:
Martin U. Egenti, MD, Ann Arbor, MI

Single Cell Analysis Reveals Phenotypically Distinct Subpopulations in Putative Endothelial Progenitor Cells

Jerry Chen, MD; Michael Januszyk, MD; Micael Sorkin, MD; Geoffrey C. Gurtner, MD, FACS. *From Stanford University, Stanford, CA*

DISCUSSANT: Moderator

Cancer Stem Cell (CSC) Vaccination Induces Anti-csc Immunity by Priming Csc-Reactive Antibodies and Cytotoxic T Lymphocytes

Martin U. Egenti, MD; Fang Zheng, MD; Max S. Wicha, MD, PhD; Jeffery S. Moyer, MD; Mark E. P. Prince, MD; Qiao Li, PhD; Alfred E. Chang, MD, FACS. *From the University of Michigan, Ann Arbor, MI*

DISCUSSANT: Scott K. Pruitt, MD, FACS, *Durham, NC*

In Vitro Differentiation of Pluripotent Stem Cells from Human Amniocytes into Definitive Endoderm

Shaun Michael Kunisaki, MD; Guihua Jiang; Luis G. Villa-Diaz, PhD; Kathy Sue O'Shea, PhD; Paul H. Krebsbach, PhD. *From the University of Michigan, Ann Arbor, MI*

DISCUSSANT: Michael A. Helmrath, MD, FACS, *Chapel Hill, NC*

Synergistic Effects of HB-EGF and Mesenchymal Stem Cells in a Murine Model of Intestinal Ischemia-Reperfusion Injury

Daniel J. Watkins, MD; Hong-Yi Zhang, MD; Gail E. Besner, MD, FACS. *From the Nationwide Children's Hospital, Columbus, OH*

DISCUSSANT: Moderator

A Combined Strategy of Fetal Hematopoietic Stem Cell Mobilization and Selective Enhancement of Donor Cell Homing Results in Improved Engraftment following in Utero Hematopoietic Cell Transplantation

Jason P. Sulkowski, MD; Edem N. Timpo, MB, BCh; Jacqueline Tsai, MD; Haiying Li; Yan Li, MD, PhD; Alan W. Flake, MD, FACS. *From the Children's Hospital of Philadelphia, Philadelphia, PA*

DISCUSSANT: Moderator

Donor T Lymphocytes Induce the Maternal Adaptive Immune Response following in Utero Hematopoietic Cell Transplantation

Erik Gregory Pearson, MD; Jesse D. Vrecenak, MD; Alan W. Flake, MD, FACS. *From the Children's Hospital of Philadelphia, Philadelphia, PA*

DISCUSSANT: Tippi C. MacKenzie, MD, FACS, *San Francisco, CA*

Integrating High-Resolution Single Cell Gene Expression Data with a Public Microarray Repository Permits Automated Functional Profiling of Progenitor Cell Populations

Michael Januszyk, MD; Michael Sorkin, MD; Robert C. Rennert; Geoffrey C. Gurtner, MD, FACS. *From Stanford University, Stanford, CA*

DISCUSSANT: Moderator

Myeloid Derived Suppressor Cells (MDSCs) Assume an M1 Phenotype When Exposed to Vesicular Stomatitis Virus, Synergistically Treating Tumors

Samuel Eisenstein, MD; Brian A. Coakley, MD; Ge Ma, MD; Marcia Meseck; Savio Woo, PhD; Ping-Ying Pan, PhD; Shu-Hsia Chen, PhD; Celia Divino, MD,

FACS. *From the Mount Sinai Medical Center, New York, NY*

DISCUSSANT: Moderator

Regeneration of Fetal Sheep Myocardial Infarction Occurs by Recruitment of Cardiac Progenitor Cells via a Stromal-Derived Factor-1a Dependent Mechanism

Myron Allukian, MD; L. Zhang; M. W. Morris, MD; J. Xu, PhD; Robert C. Caskey, MD; B. J. Herdrich, MD; Wanda A. Dorsett-Martin, DVM; J. H. Gorman III, MD; R. C. Gorman, MD; K. W. Liechty, MD. *From the Hospital of the University of Pennsylvania, Philadelphia, PA, and the University of Mississippi, Jackson, MS*

DISCUSSANT: Alan W. Flake, MD, FACS, *Philadelphia, PA*

Novel Tyrosine Mutant Recombinant Adeno-Associated Viral (rAAV) Transduction of Dendritic Cells (DCs) As a Step towards Therapeutic Vaccination in Multiple Myeloma (MM)

Ramesh B. Batchu, PhD; Oksana Gruzdyn; Donald Weaver, MD, FACS; Scott A. Gruber, MD, MBA, PhD, FACS. *From the Wayne State University School of Medicine, Detroit, MI, and John D. Dingell VA Medical Center, Detroit, MI*

DISCUSSANT: Scott K. Pruitt, MD, FACS, *Durham, NC*

A Biomimetic Collagen-Pullulan Hydrogel Enhances Stemness and Wound Healing Potential of Adipose-Derived Mesenchymal Stem Cells

Ravi K. Garg, MD; Lauren J. Auerbach; Michael Sorkin, MD; Robert C. Rennert; Michael T. Longaker, MD, FACS; Geoffrey C. Gurtner, MD, FACS. *From Stanford University, Stanford, CA*

DISCUSSANT: Kenneth W. Liechty, MD, FACS, *Jackson, MS*

SF23 | 8:00 - 11:15 am

Quality, Outcomes, and Costs II

Location: W 470A

TRACK: EDU, HP

MODERATOR: Adil H. Haider, MB, BS, MPH, FACS, *Baltimore, MD*

CO-MODERATOR: Faisal G. Qureshi, MB, BS, FACS, *Washington, DC*

The Impact of Accreditation on Safety and Cost of Bariatric Surgery

Steve Kwon MD, MPH; Bruce Wang, PhD; Hao He; Edwin Wong, PhD; Rafael Alfonso-Cristancho, MD; Sean Sullivan, PhD; David R. Flum, MD, MPH, FACS. *From the Bariatric Obesity Outcome Modeling Collaborative, Seattle, WA, and the University of Washington, Seattle, WA*

DISCUSSANT: Michael A. Schweitzer, MD, FACS, *Baltimore, MD*

The Florida Initiative for Quality Cancer Care (FIQCC): Improvements in Colorectal Cancer Surgical Pathologic Quality Indicator Compliance over a 3-Year Interval

Erin M. Siegel, PhD, MPH; Paul B. Jacobsen, PhD; Ji-Hyun Lee, PhD; William J. Fulp; Michelle Fletcher; David Shibata, MD, FACS. *From the H. Lee Moffitt Cancer Center and Research Institute, Tampa, FL*

DISCUSSANT: Karl Y. Bilimoria, MD, *Chicago, IL*

Associations between Perioperative Beta-Blocker Use and Surgical Outcomes

Joshua S. Richman, MD, PhD; William G. Henderson, MPH, PhD; Kamal M. F. Itani, MD, FACS; Catherine Vick; Mary T. Hawn, MD, MPH, FACS. *From the Birmingham VAMC, Birmingham, AL*

DISCUSSANT: Ali Salim, MD, FACS, *Los Angeles, CA*

Rurality and Colon Cancer Care Quality Measures

Christopher J. Chow, MD; Waddah B. Al-Refaie, MD, FACS; Anasooya Abraham, MD; Abraham Markin; Wei Zhong; David A. Rothenberger, MD, FACS; Mary Kwaan, MD, MPH; Elizabeth B. Habermann, PhD, MPH. *From the University of Minnesota, Minneapolis, MN, and the Minneapolis VAMC, Minneapolis, MN*

DISCUSSANT: Samuel R. G. Finlayson, MD, MPH, FACS, *Boston, MA*

Nationwide Diffusion of Laparoscopic Resection Improves Quality and Cost Measures for Distal Pancreatectomy

Hop S. Tran Cao, MD; David C. Chang, PhD, MPH, MBA; Kerrin L. Palazzi, MPH; Andrew M. Lowy, MD, FACS; Michael Bouvet, MD, FACS; J. Kellogg Parsons, MD, MHS; Mark A. Talamini, MD, FACS; Jason K. Sicklick, MD. *From the University of California-San Diego, La Jolla, CA*

DISCUSSANT: Barish H. Edil, MD, FACS, *Baltimore, MD*

Analysis of Defined Mortality for Patent Ductus Arteriosus: Implications for Measuring Quality in Neonatal Surgical Care

Danielle M. Hsu, MD; Lingling Li, MD; Chi-Hong Tseng, PhD; Lorraine I. Kelley-Quon, MD; Stephen B. Shew, MD, FACS. *From the University of California-Los Angeles, Los Angeles, CA*

DISCUSSANT: Abdalla E. Zarroug, MD, *Rochester, MN*

Can We Measure the Quality of Complex Cancer Surgery? Comparison of Patients and Outcomes at National Cancer Institute Designated Cancer Centers (NCI-CC) vs. Non-NCI Centers

Ryan P. Merkow, MD, MSHS; David J. Bentrem, MD, FACS; Warren B. Chow, MD, MSHS; Clifford Y. Ko, MD, FACS; Karl Y. Bilimoria, MD. *From the Division of Research and Optimal Patient Care, American College of Surgeons, Chicago, IL; Northwestern University, Feinberg School of Medicine, Chicago IL; and the University of Colorado School of Medicine, Aurora, CO*

DISCUSSANT: Lillian S. Kao, MD, FACS, *Houston, TX*

Longer Waiting Times for Colorectal Cancer Surgery Are Not Associated with Decreased Survival

Ramzi M. Helewa, MD; Donna Turner, PhD; Jason Park, MD, MEd, FRCS; Debrah Wirtzfeld, MD, FACS, FRCS; Piotr Czaykowski, MD; David J. Hochman, MD, FRCS; Harminder Singh, MD, MPH; Emma Shu; Andrew McKay, MD, FACS, FRCS. *From the University of Manitoba, Winnipeg, MB, and CancerCare Manitoba, Winnipeg, MB*

DISCUSSANT: Sandra L. Wong, MD, FACS, *Ann Arbor, MI*

Using Diagnostic and Procedural Codes to Assess Quality and Outcomes

Alexander Van Esbroeck; Sanjay Mohanty, MD; Pat Patton, MD; Zeeshan Syed, PhD; Ilan S. Rubinfeld,

MD, FACS. *From the University of Michigan, Ann Arbor, MI, and Henry Ford Hospital, Detroit, MI*

DISCUSSANT: Eric Schneider, PhD, *Baltimore, MD*

Completion of the Surgical Safety Checklist: A Job Poorly Done!

Eric A. Sparks, MD; Hania Wehbe-Janek, PhD; Rebecca L. Johnson, RN; W. Roy Smythe, MD, FACS; Harry T. Papaconstantinou, MD, FACS. *From the Scott & White Memorial Hospital and Clinic, Temple, TX*

DISCUSSANT: Atul A. Gawande, MD, MPH, FACS, *Boston, MA*

Racial Disparities in Surgical Resection and Survival among Patients with Poor Prognosis Cancer

Sha'Shonda L. Revels, MD; Mousumi Banerjee, PhD; Huiying Yin; Christopher J. Sonnenday, MD; John D. Birkmeyer, MD, FACS. *From the University of Michigan, Ann Arbor, MI*

DISCUSSANT: Waddah B. Al-Refaie, MD, FACS, *Minneapolis, MN*

The Impact of Expanded Insurance Coverage in Massachusetts on Acute Surgical Disease

Andrew P. Loehrer, MD; Zirui Song; Hugh G. Auchincloss, MD; Matthew M. Hutter, MD, MPH, FACS. *From Massachusetts General Hospital, Boston, MA*

DISCUSSANT: Suresh Agarwal, MD, FACS, *Boston, MA*

SF24 | 12:45 - 4:00 pm

Cardiothoracic Surgery II

Location: W 471B

TRACK: CTS

MODERATOR: Bryan F. Meyers, MD, MPH, FACS, *St. Louis, MO*

Within-Tumor Genetic Diversity in Lung Cancer

Natalie Lui, MD; Aleah Caulin; Trevor Graham, PhD; David Jablons, MD; Carlo Maley, PhD. *From the University of California-San Francisco, San Francisco, CA*

DISCUSSANT: Moderator

Completion Pneumonectomy: Do Outcomes Justify the Operation?

Varun Puri, MD; Andrew V. Tran; Jennifer M. Bell, RN; Traves D. Crabtree, MD; Alexander S. Krupnick, MD; Daniel Kreisel, MD, PhD; G. Alexander Patterson, MD; Bryan F. Meyers, MD, MPH. *From the Washington University School of Medicine, St. Louis, MO*

DISCUSSANT: Moderator

Advanced Esophageal Cancer in Patients Who Underwent HALO Treatment for Barretts Esophagus with High Grade Dysplasia

Min P. Kim, MD; Kendra N. Brown; Mary R. Schwartz, MD; Shanda H. Blackmon, MD, MPH, FACS. *From the Methodist Hospital, Houston, TX*

DISCUSSANT: Moderator

Spatial and Metabolic Consequences of Post-Pneumonectomy Lung Growth

Barry C. Gibney, DO; Mi-Ae Park, PhD; Kenji Chamoto, PhD; Grace S. Lee, MD; Jan P. Houdek, MD; Maximilian Ackermann, MD; Moritz A. Kon-

erding, MD; Akira Tsuda, PhD; Steven J. Mentzer, MD, FACS. *From Brigham and Women's Hospital, Boston, MA; University Medical Center of Johannes Gutenberg-University Mainz, Germany; and Harvard School of Public Health, Boston, MA*

DISCUSSANT: Moderator

Lung Resections: Measures of Frailty As an Index of Morbidity and Mortality

Athanasios Tsiouris, MD; Arielle Hodari, MD; Zane Hammoud, MD, FACS; Ilan S. Rubinfeld, MD, FACS. *From Henry Ford Hospital, Detroit, MI*

DISCUSSANT: Moderator

Predicting Outcomes after Minimally Invasive Esophagectomy with the Charlson Comorbidity Index

Ryan A. Macke, MD; James D. Luketich, MD; Ryan M. Levy, MD; Dan Winger; Manisha Shende, MD; Neil A. Christie, MD; Benny Weksler, MD; Omar Awais, DO; Matthew J. Schuchert, MD; Katie S. Nason, MD, MPH, FACS. *From the University of Pittsburgh Medical Center, Pittsburgh, PA, and Clinical and Translational Science Institute, University of Pittsburgh, Pittsburgh, PA*

DISCUSSANT: Moderator

Standard Markers for Detection of Circulating Tumor Cells Are Variably Expressed in Pulmonary Adenocarcinomas and Are Downregulated in Cells Undergoing Mesenchymal Transition

Antonio Coppolino, MD; Ding Cheng Gao, PhD; Patrick L. Wagner, MD; Rafaella Sordella, PhD; Vivek Mittal, PhD; Nasser K. Altorki, MD; Brendon M. Stiles, MD. *From the Weill Cornell Medical College, New York, NY; University of Pittsburgh Medical Center, Pittsburgh, PA; and Cold Spring Harbor Laboratory, Cold Spring Harbor, NY*

DISCUSSANT: Moderator

Radiographic Evaluation of an Esophageal Anastomosis Often Misses Leaks

Min P. Kim, MD; Kendra N. Brown; Shanda H. Blackmon, MD, MPH, FACS. *From the Methodist Hospital, Houston, TX*

DISCUSSANT: Moderator

Use of Ketorolac Is Associated with Decrease Pneumonia following Rib Fractures

Yifan Yang, MD; Jason B. Young, MD, PharmD; Garth H. Utter, MD, MSc, FACS. *From the University of California Davis Medical Center, Sacramento, CA*

DISCUSSANT: Moderator

Surgeons' Experience with Endobronchial Ultrasound for Mediastinal Staging: The Learning Curve and Optimal Sampling Techniques

Yinin Hu, MD; Varun Puri, MD; Traves D. Crabtree, MD; Alexander S. Krupnick, MD; Daniel Kreisel, MD, PhD; G. Alexander Patterson, MD; Bryan F. Meyers, MD, MPH. *From the Washington University School of Medicine, St. Louis, MO*

DISCUSSANT: Moderator

A Study to Evaluate the Use of Handheld Spirometry As an Alternative to Laboratory Based Volume-Displacement Spirometry in a Low-Risk Population Undergoing Lung Resection

Varun Puri, MD; Jennifer M. Bell, RN; Joanne F.

Musick, RN; Traves D. Crabtree, MD; Alexander S. Krupnick, MD; Daniel Kreisel, MD, PhD; G. Alexander Patterson, MD; Bryan F. Meyers, MD, MPH. *From the Washington University School of Medicine, St. Louis, MO*

DISCUSSANT: Moderator

SF25 | 12:45 - 4:00 pm

Plastic Surgery II

Location: W 184D

TRACK: PLA

MODERATOR: Dennis P. Orgill, MD, PhD, FACS, *Boston, MA*

CO-MODERATOR: Paul S. Cederna, MD, FACS, *Ann Arbor, MI*

XBP1 Inhibition Delays Wound Healing by Inhibition of Cell Migration and Proliferation

Namrata J. Barbhuiya; Misha C. Tran; Wang Zhen, MD; Vania Rashidi; Paris D. Butler, MD; Fattakhov Ernst; Michael T. Longaker, MD, FACS; Albert C. Koong, MD, PhD; George P. Yang, MD, PhD, FACS. *From Stanford University, Stanford, CA*

DISCUSSANT: Babak J. Mehrara, MD, FACS, *New York, NY*

Reduction of Cutaneous Burn Wound Severity in a Large Animal Model

Hamed Sadeghipour, MD; Radbeh Torabi, MD; James Gottschall; David H. Sachs, MD; Curtis L. Cetrulo, Jr., MD; Francis D. Moore, Jr., MD, FACS. *From Brigham and Women's Hospital; Harvard Medical School, Boston, MA; and Transplantation Biology Research Center, Massachusetts General Hospital, Boston, MA*

DISCUSSANT: Babak J. Mehrara, MD, FACS, *New York, NY*

CD4+ Inflammation Is Necessary for Pathologic Changes Associated with Sustained Lymphatic Fluid Stasis

Jamie C. Zampell, MD; Sonia Elhadad, PhD; Tomer Avraham, MD; Alan Yan, MD; Evan S. Weitman, MD; Babak J. Mehrara, MD, FACS. *From the Memorial Sloan-Kettering Cancer Center, New York, NY*

DISCUSSANT: George P. Yang, MD, FACS, *Stanford, CA*

Importance of Mast Cells and Their Granule Serine Proteases in Microdeformational Wound Therapy (mdwt) of Surgically Damaged Skin

Julien Succar, MD; Luca Lancerotto, MD; Jeffrey Douaiher, MD; George J. Younan, MD; Qiong Li, MD; Ryushiro Yamaguchi, MD, PhD; Michael F. Gurish, PhD; Richard L. Stevens, PhD; Dennis P. Orgill, MD, PhD, FACS. *From Brigham and Women, Boston, MA*

DISCUSSANT: Babak J. Mehrara, MD, FACS, *New York, NY*

Adrenomedullin and Its Binding Protein (AMBP-1) Accelerate Cutaneous Wound Healing

Juan Pablo Idrovo, MD; Weng-Lang Wang, PhD; Michael A. Ajakaiye, MD; Jose M. Prince, MD; Jeffrey Niscastro, MD; Gene F. Coppa, MD; Ping Wang, MD. *From the Hofstra North Shore-LIJ School of Medicine, Manhasset, New York, and the Feinstein Institute for Medical Research, Manhasset, New York*

DISCUSSANT: George P. Yang, MD, FACS, *Stanford, CA*

Reduction of Suture Associated Inflammation Using the Novel Biocompatible Poly Ester Amide Pseudo Protein

Michel C. van Harten; Alyssa J. Reiffel, MD; Jonne F. van Koot; Elisa S. Rezaie; Tatiana Boyko, MD; Karina A. Hernandez, DO; CC Chu, PhD; Jason A. Spector, MD, FACS. *From the Weill Cornell Medical College, New York, NY, and Cornell University, Ithaca, NY*

DISCUSSANT: Ian L. Gordon, MD, FACS, Long Beach, CA

Hyperspectral Reflectance Spectroscopy Analysis of Skin Blood Flow during Negative Pressure Wound Therapy (NPWT)

Lida Jafari, MD; Samuel E. Wilson, MD, FACS; Ian L. Gordon, MD, PhD, FACS. *From the Veterans Administration Long Beach Healthcare System, Long Beach, CA, and the University of California Irvine, Irvine, CA*

DISCUSSANT: George P. Yang, MD, FACS, Stanford, CA

In Situ Bioprinting of Skin for Reconstruction

Mohammad Z. Albanna, PhD; Sean Murphy, PhD; Weixin Zhao, MD; Idris B. El-Amin, DVM; Josh Tan; Dennis D. Dice; Hyun-Wook Kang, PhD; John D. Jackson, PhD; James J. Yoo, MD, PhD; Anthony Atala, MD, FACS. *From Wake Forest University, Winston-Salem, NC*

DISCUSSANT: Ian L. Gordon, MD, FACS, Long Beach, CA

Early Kinetics of Integration of Collagen-Gag Matrices

Luca Lancerotto, MD; Yvonne I. Heit, MD; Qiong Li, MD; Jeffrey Douaiher, MD; Julien Succar, MD; Ryushiro Yamaguchi, MD; Dennis P. Orgill, MD, PhD, FACS. *From Brigham and Women's Hospital, Boston, MA*

DISCUSSANT: Ian L. Gordon, MD, FACS, Long Beach, CA

SF26 | 2:30 - 5:45 pm

Pediatric Surgery II

Location: W 470A

TRACK: PED

MODERATOR: Edward M. Barksdale, MD, FACS, Cleveland, OH

A Method for Generating Antigen Specific Alloreactive T-Cells against Murine Neuroblastoma

Felix C. Blanco, MD; Priya Srinivasan, PhD; Lina Chakrabarti, PhD; Jason A. Snyder, MD; Stanislav Vukmanovic, MD, PhD; Anthony D. Sandler, MD, FACS. *From the Sheikh Zayed Institute for Pediatric Surgical Innovation, Washington, DC*

DISCUSSANT: Joel Shilyansky, MD, FACS, Iowa City, IA

Development of an siRNA Delivery System Targeting Macrophage Function in Vivo

Felix C. Blanco, MD; Priya Srinivasan, PhD; Ryan M. Walk, MD; Jason A. Snyder, MD; Mark Behlke, MD, PhD; Aliasger K. Salem, PhD; Stanislav Vukmanovic, MD, PhD; Anthony D. Sandler, MD, FACS. *From the Sheikh Zayed Institute for Pediatric Surgical Innovation, Washington, DC*

DISCUSSANT: Mary Beth Madonna, MD, FACS, Chicago, IL

Neuroblastoma Cell Plasticity: A Mechanism for Tumor Heterogeneity and Treatment Failure

Lina Chakrabarti, PhD; Felix C. Blanco, MD; Jason A. Snyder, MD; Stanislav Vukmanovic, MD, PhD;

Anthony D. Sandler, MD, FACS. *From the Sheikh Zayed Institute for Pediatric Surgical Innovation, Washington, DC*

DISCUSSANT: Joel Shilyansky, MD, FACS, Iowa City, IA

An Epidemiological Investigation into the Incidence of Perforated Appendicitis: Does Ethnicity Matter?

William C. Boswell, MD, FACS; David E. Carney, MD; Andrew W. Gamenthaler, MD; Imran A. Siddiqui, MD; Ashley Rogers. *From the Memorial Health University Medical Center, Savannah, GA*

DISCUSSANT: Ala Stanford Frey, MD, FACS, Abington, PA

Mesenchymal Change in the Development of Drug Resistance in Human Neuroblastoma Cells: A Systems Biology Approach

Jessica Ann Naiditch, MD; Chunfa Jie, PhD; Timothy B. Lautz, MD; Sandra Clark; Yi-Yong Qiu; Jafari Nadereh, PhD; Fei Chu, MD, PhD; Mary Beth Madonna, MD, FACS. *From the Children's Memorial Research Center, Chicago, IL*

DISCUSSANT: Anthony D. Sandler, MD, ChB, FACS, Washington, DC

Enteral Deprivation Leads to a Loss of Intestinal Epithelial Barrier Function in Pediatric Patients

Matthew W. Ralls, MD; E. A. Miyasaka, MD; R. S. Herman, MD; Daniel H. Teitelbaum, MD, FACS. *From the University of Michigan, Ann Arbor, MI*

DISCUSSANT: Henri R. Ford, MD, FACS, Los Angeles, CA

Diverse Early Intestinal Microbiota As a Key Factor in Necrotizing Enterocolitis

Stephanie C. Papillon, MD; Brandon A. Bell, BA; Monica L. Williams, BA; Jin Wang, MS; Larry Wang, MD, PhD; Anatoly V. Grishin, PhD; Henri R. Ford, MD, FACS. *From the Children's Hospital Los Angeles, Los Angeles, CA*

DISCUSSANT: Michael J. Morowitz, MD, Chicago, IL

Regulation of the Adaptive Immune System of the Newborn Intestine by the Bacterial Receptor Toll Like Receptor 4 (TLR4) Leads to the Development of Necrotizing Enterocolitis

Joyce Ying Lin, MD; Charlotte E. Egan, PhD; Chhinder Sodhi, PhD; Matthew Neal, MD; Ibrahim Yazji, MD; Misty Good, MD; Sapana Shah, MD; Amin Afrazi; Maria Branca; David J. Hackam, MD, PhD, FACS. *From the Children's Hospital of Pittsburgh, Pittsburgh, PA*

DISCUSSANT: Michael A. Helmrath, MD, FACS, Chapel Hill, NC

Impact of Obesity on Children with Appendicitis

Beth Rymeski, DO; Jun Ying, PhD; Roshni Dasgupta, MD, MPH, FACS. *From the Cincinnati Children's Hospital Medical Center, Cincinnati, OH, and the University of Cincinnati, Cincinnati, OH*

DISCUSSANT: Ala Stanford Frey, MD, FACS, Abington, PA

Ileocecal Resection (ICR)-Driven Crypt Fission Requires Intestinal Epithelial IGF1 Receptor, Is Increased with Delayed IGF-I Therapy, and Results in Sustained Adaptive Increases in Body Weight and Intestinal Length

Megan A. Stevenson, MD; Jennifer A. Hawkins; Nambirajan Sundaram, PhD; P. Kay Lund, PhD; Laurianne Van Landeghem, PhD; Michael A. Helmrath, MD, FACS. *From the Cincinnati Children's Hospital*

Medical Center, Cincinnati, OH, and the University of North Carolina at Chapel Hill, Chapel Hill, NC

DISCUSSANT: Daniel H. Teitelbaum, MD, FACS, Ann Arbor, MI

Pediatric Venous Thromboembolism following Trauma: A Review of the National Trauma Data Bank

Jeffrey S. Barton, MD; Peter E. Fischer, MD; Samantha J. Underwood; Martin A. Schreiber, MD, FACS; Jennifer M. Watters, MD, FACS. *From the Oregon Health & Science University, Portland, OR*

DISCUSSANT: Jeffrey S. Upperman, MD, FACS, FAAP, Los Angeles, CA

Adherence to CONSORT Statement Guidelines of Published Surgical Randomized Trials in Children

Anthony Y. Tsai, MD; Lillian S. Kao, MD, FACS; Kuo-Jen Tsao, MD, FACS; Eunice Y. Huang, MD, FACS; Shiraz Younas, MD; Stacy T. Tanaka, MD; Zengqi Lu; Kevin P. Lally, MD, FACS; Martin L. Blakely, MD, FACS. *From the Vanderbilt University School of Medicine, Nashville, TN; University of Texas Health Science Center, Houston, TX; and the University of Tennessee Health Science Center, Memphis, TN*

DISCUSSANT: Roshni A. Dasgupta, MD, FACS, Cincinnati, OH

Optimization of the Preclinical Canine Model Results in Consistent and Improved Engraftment following Haploidentical in Utero Hematopoietic Cell Transplantation

Jesse D. Vrecenak, MD; Matthew T. Santore, MD; Carlyn A. Todorow; Keith A. Alcorn; Haiying Li; Antoneta P. Radu; Mark P. Johnson, MD; Alan W. Flake, MD, FACS. *From the Children's Hospital of Philadelphia, Philadelphia, PA*

DISCUSSANT: Anthony D. Sandler, MB, ChB, FACS, Washington, DC

Functional Significance of CITED1 Overexpression and Nuclear Localization in Wilms Tumor

Andrew Jackson Murphy, MD; Janene Pierce; Christian de Caestecker; Alan O. Perantoni, PhD; Mark P. de Caestecker, MB, BS, PhD; Harold N. Lovvorn III, MD. *From the Vanderbilt University Medical Center, Nashville, TN*

DISCUSSANT: Moderator

SF27 | 2:30 - 5:45 pm

Surgical Education II

Location: W 470B

TRACKS: EDU, RES/MED

MODERATOR: Melina C. Vassiliou, MD, MEd, FACS, Montreal, Quebec

CO-MODERATOR: Jacob Moalem, MD, FACS, Rochester, NY

A Simulator Module for Percutaneous Tracheostomy

Patricia Anne Pentiak, MD; Diane Schuch-Miller; Robert Hammond, PhD; Ronald Streetman; Michelle Veenstra, MD; David Pridmore, MD; James Robbins, MD, FACS. *From Oakland University William Beaumont Hospital, Royal Oak, MI*

DISCUSSANT: Tarek Razek, MD, FACS, FRCSC, Montreal, QC

Validation and Implementation of the mini-Structured Training Trainer Assessment Report (mini-STTAR)

Susannah M. Wyles, MB, BS, MRCS; Danilo Miskovic, MD, FRCS; Melody Ni, PhD; Mark G. Coleman, MD, FRCS; Roland Valori, MD; Ara W. Darzi, MD, FRCS; George B. Hanna, PhD, FRCS. *From the Imperial College, London, United Kingdom*

DISCUSSANT: Jennifer N. Choi, MD, FACS, Indianapolis, IN

Development of a Tool for the Identification and Assessment of Technical Errors in Laparoscopic Surgery

Esther M. Bonrath, MD; Boris Zevin, MD; Nicolas J. Dedy, MD; Teodor P. Grantcharov, MD, PhD, FACS. *From St. Michael's Hospital, Toronto, ON and University of Toronto, Toronto, ON*

DISCUSSANT: Danilo Miskovic, MD, FRCS, London, United Kingdom

Use of an Operative Competency Model with Immediate Feedback to Evaluate Resident Technical Progression

William J. Curtiss, MD; Vijay K. Mittal, MD, FACS, FICS; Richard K. Englehardt, MD; Armin Kamyab, MD; Karen McFarlane, MD; Yeon-Jeen Chang, MD. *From Providence Hospital and Medical Centers, Southfield, MI*

DISCUSSANT: Carla M. Pugh, MD, FACS, Madison, WI

The Impact of Heat Stress on Performance and Cognitive Function during Simulated Laparoscopic Surgical Tasks

Regan James Berg, MD; Kenji Inaba, MD, FACS, FRCSC; Maura Sullivan, MSN, PhD; Obi Okoye, MD, MRCSI; Michael Minneti, RRT; Pedro G. Teixeira, MD; Peep Talving, MD, PhD, FACS; Demetrios Demetriades, MD, PhD, FACS. *From the Los Angeles County and University of Southern California Medical Center, Los Angeles, CA*

DISCUSSANT: Christopher M. Schlachta, MD, FACS, London, ON

Identifying Pitfalls in Chest Tube Insertion: Improving Teaching and Performance

James S. Davis, MD; George D. Garcia, MD; Mary M. Wyckoff, PhD; Salman Alsafran, MD; Jill M. Graygo, MPH; Kelly F. Withum; Carl I. Schulman, MD, PhD, MSPH, FACS. *From the University of Miami Miller School of Medicine, Miami, FL*

DISCUSSANT: Moderator

Does Intraoperative Teaching Address the Steps Delineated in a Cognitive Task Analysis (CTA)?

Luise I. M. Pernar, MD; Katherine Corso, MPH; Elizabeth Breen, MD, FACS. *From Brigham and Women's Hospital, Boston, MA*

DISCUSSANT: Michael J. Kim, MD, Rochester, NY

Construct Validity of Instrument Vibrations As a Measure of Robotic Surgical Skill

Ernest D. Gomez, BSE; Karlin Bark, PhD; Charlotte Rivera; William McMahan; Austin Remington; David I. Lee, MD; Noel N. Williams, MD, FRCS; Kenric M. Murayama, MD, FACS; Kristoffel Dumon, MD; Katherine J. Kuchenbecker, PhD. *From the University of Pennsylvania, Philadelphia, PA*

DISCUSSANT: Michael M. Awad, MD, FACS, St. Louis, MO

Validity and Inter-rater Reliability of a Regional Mock Oral Boards Examination

John L. Falcone, MD; Daniel J. Gagne, MD, FACS; Kenneth K. W. Lee, MD; Giselle G. Hamad, MD, FACS. *From the University of Pittsburgh Medical Center, Pittsburgh, PA; West Penn Allegheny Health System, Pittsburgh, PA; and Conemaugh Health System, Johnstown, PA*

DISCUSSANT: Rabih M. Salloum, MD, FACS, Rochester, NY

Comparative Study of Case-Specific EVAR Simulation with Real Patient Cases

Neil G. Kumar, MD; Sean J. Hislop, MD; Michael D. Raco; Jennifer L. Ellis, MD; Jason K. Kim, MD; Michael J. Singh, MD; David L. Gillespie, MD; Ankur Chandra, MD. *From the University of Rochester Medical Center, Rochester, NY*

DISCUSSANT: Brian J. Santin, MD, Columbus, OH

An Evidence-Based Algorithm for the Design, Validation and Implementation of a Simulation-Based Surgical Training Curriculum

Boris Zevin, MD; Jeffrey S. Levy, MD, FACS; Richard M. Satava, Jr., MD, FACS; Teodor P. Grantcharov, MD, PhD, FACS. *From the University of Toronto, Toronto, ON*

DISCUSSANT: Dana Yip, MD, San Francisco, CA

SF28 | 2:30 - 5:45 pm

Vascular Surgery II

Location: W 471A

TRACK: VAS

MODERATOR: Raul J. Guzman, MD, FACS, Nashville, TN

CO-MODERATOR: Michael C. Stoner, MD, FACS, Greenville, NC

A Shifting Paradigm for the Treatment of Acute Mesenteric Ischemia

Robert J. Beaulieu, MD; James H. Black III, MD, FACS. *From Johns Hopkins Hospital, Baltimore, MD*

DISCUSSANT: Moderator

Protein and Mitochondrial Content in the Gastrocnemius Predicts Mortality Rates in Patients with Peripheral Arterial Disease

Jonathan Robert Thompson, MD; Stanley A. Swanson; Gleb Haynatzki, PhD; George P. Casale, PhD; Jason M. Johanning, MD, FACS; Eva Papoutsis; Panagiotis Koutakis; Dimitrios Miserlis, MD; Zhen Zhu, MD; Iraklis I. Pipinos, MD, PhD, FACS. *From the University of Nebraska Medical Center, Omaha, NE*

DISCUSSANT: Ross Milner, MD, FACS, Maywood, IL

National Survey of the Management of Calf Vein Thrombosis

T. Calloway Robertson; Michael J. Anstadt, MD; Pegge M. Halandras, MD; Ross Milner, MD, FACS. *From the Loyola University Health System, Maywood, IL, and the University of Chicago, Chicago, IL*

DISCUSSANT: Peter K. Henke, MD, FACS, Ann Arbor, MI

Recurrent Injury of Diabetic Mice Significantly Delays Wound Closure and Recapitulates the Dysregulated Inflammatory State Seen in Chronic Diabetic Wounds

Robert C. Caskey MD; Wanda A. Dorsett-Martin, DVM; Junwang Xu, PhD; Liping Zhang; Wenjie Wu; Michael W. Morris, Jr., MD; Myron Allukian, MD; Marc E. Mitchell, MD, FACS; Kenneth W. Liechty, MD, FACS. *From the University of Mississippi Medical Center, Jackson, MS, and Nemours Children's Hospital, Orlando, FL*

DISCUSSANT: Omaid C. Velazquez, MD, FACS, Miami, FL

Outcomes following Lower Extremity Bypass Surgery among Octogenarians

Nicholas H. Osborne MD; Dawn M. Coleman, MD; Danielle Campbell, MD; John E. Rectenwald, MD; Peter K. Henke, MD, FACS; Katherine A. Gallagher, MD. *From the University of Michigan, Ann Arbor, MI*

DISCUSSANT: Matthew A. Corriere, MD, FACS, Atlanta, GA

Impact of Renal Function on Outcomes after Elective Endovascular Abdominal Aortic Aneurysm Repair

Abhishek Sundaram, MB, BS, MPH; Prateek K. Gupta, MD; Bala Ramanan, MB, BS; Jason N. MacTaggart, MD; G. Matthew Longo, MD; Jason M. Johanning, MD; R. Armour Forse, MD; Marcus W. Balters, MD; Thomas G. Lynch, MD; Irkalis I. Pipinos, MD, PhD, FACS. *From the Creighton University Medical Center, Omaha, NE, and the University of Nebraska Medical Center, Omaha, NE*

DISCUSSANT: James H. Black III, MD, FACS, Baltimore, MD

VEGF-A Inhibits Venous Marker Expression and Stimulates Arterial Marker Expression in Adult Venous Endothelial Cells

Chenzi Yang, MD; Yuanyuan Guo, MD; Caroline C. Jadlowiec, MD; Clinton D. Protack, MD; Michael J. Collins, MD; Chang Shu, MD, PhD; Alan Dardik, MD, PhD, FACS. *From Yale University, New Haven, CT, and Central South University, Changsha, China*

DISCUSSANT: Mark G. Davies, MD, PhD, FACS, Houston, TX

Cytoplasmic Tyrosine 774 Is Critical for Eph-B4 Function

Clinton D. Protack MD; Chenzi Yang, MD; Michael J. Collins, MD; Caroline C. Jadlowiec, MD; Alan Dardik, MD, PhD, FACS. *From the Yale University School of Medicine, New Haven, CT*

DISCUSSANT: K. Craig Kent, MD, FACS, Madison, WI

Inhibition of the Matrix Metalloproteinase Stromelysin-1 Reduces Arterial Calcification

Weifeng Luo, PhD; Xue-lin Wang; Raul J. Guzman, MD, FACS. *From the Vanderbilt Medical Center, Nashville, TN*

DISCUSSANT: Matthew A. Corriere, MD, FACS, Atlanta, GA

TGF-Beta/Smad3-Treated Smooth Muscle Cells Enhance the Production of Collagen Type 3 from Adventitial Fibroblasts

Shakti A. Goel MB, BS; Lian-Wang Guo, PhD; Xu-Dong Shi, PhD, MD; Stephen Seedial; K. Craig Kent, MD, FACS. *From the University of Wisconsin, Wisconsin Institute for Medical Research, Madison, WI*

DISCUSSANT: Mark G. Davies, MD, PhD, FACS, Houston, TX

Geometric and Hemodynamic Effects of Carotid Artery Stenting

Alexey V. Kamenskiy, PhD; Jai Bikhchandani, MD; Iraklis I. Pipinos, MD, PhD, FACS; Prateek K. Gupta, MD; Yuris A. Dzenis, PhD; Jason N. MacTaggart, MD. *From the University of Nebraska Medical Center, Omaha, NE; University of Nebraska-Lincoln, Lincoln, NE; and Creighton University, Omaha, NE*

DISCUSSANT: Mark K. Eskandari, MD, FACS, *Chicago, IL*

PARP Inhibition Modulates GAPDH Activity in a Diabetic Mouse Model of Hind Limb Ischemia Reperfusion

Valy Boulom, MD; Chandler A. Long, MD; Junaid Y. Malek, MD; Hyung-Jin Yoo; Rahmi Oklu, MD, PhD; Maxime Raux, MD; Michael T. Watkins, MD, FACS; Hassan Albadawi, MD. *From Massachusetts General Hospital, and Harvard Medical School, Boston, MA*

DISCUSSANT: Christopher L. Skelly, MD, FACS, *Chicago, IL*

SF29 | 4:15 - 5:45 pm

Patient Safety

Location: W 471B

TRACK: EDU

MODERATOR: Jeffrey B. Matthews, MD, FACS, *Chicago, IL*

Laparoscopic-Assisted Technique for Colorectal Procedures Has Much Higher Surgical Site Infection Rates than Standard Laparoscopy

Alexander J. Antoniou; Shirin Towfigh, MD, FACS; James Mirocha; Phillip Fleshner, MD, FACS. *From the Cedars-Sinai Medical Center, Los Angeles, CA, and the Tufts University School of Medicine, Boston, MA*

DISCUSSANT: Konstantin Umanskiy, MD, FACS, *Chicago, IL*

Frailty as a Risk Factor for Poor Outcome in Coronary Bypass Surgery: Exploring the ACS NSQIP® Data

Jamil Borgi, MD; Gaetano Paone, MD; Ilan S. Rubinfeld, MD, FACS. *From Henry Ford Hospital, Detroit, MI*

DISCUSSANT: Kevin K. Roggin, MD, FACS, *Chicago, IL*

Role of Overexpression of MACC1 and/or FAK in Predicting Prognosis of Hepatocellular Carcinoma after Liver Transplantation

Zhe Yang, MD; Lin Zhou, PhD; Li-ming Wu, MD, PhD; Feng Zhang, PhD; Qian-qian Zhu, MD; Haiyang Xie, MD; Shu-sen Zheng, MD, PhD, FACS. *From the Key Lab of Combined Multi-organ Transplantation, Ministry of Public Health, Hangzhou, China*

DISCUSSANT: James M. Millis, MD, FACS, *Chicago, IL*

A Retrospective Study of Burns Patients at a Major Government Referral Hospital in Freetown, Sierra Leone

Jennifer Jackson-Cole, MD; Dudley Pratt, MD; Marta Forde, MD; Joseph Bangura, MD; Reinou S. Groen, MD; Adam L. Kushner, MD, MPH, FACS; Thaim B. Kamara, MD. *From Connaught Hospital, Freetown, Sierra Leone; Surgeons OverSeas (SOS), New York, NY; and Columbia University, New York, NY*

DISCUSSANT: Gary C. An, MD, *Chicago, IL*

Severe Vitamin D Deficiency Is Associated with Worsened Outcomes in Surgical Patients with Ventilator-Associated Pneumonia

Leslie Ray Matthews, MD, FACS; Kenneth Wilson, MD, FACS; Yusuf Ahmed, MD, MPH; Diane Griggs, NP; Ed Childs, MD, FACS; Omar Danner, MD, FACS. *From the Morehouse School of Medicine, Atlanta, GA*

DISCUSSANT: Gary C. An, MD, *Chicago, IL*

Lack of Emergency Department and Primary Care Genitourinary Physical Examination before Urologic Consultation—A Quality of Care Issue

Adam W. Ylitalo, DO; Kelly R. Ylitalo, MPH, PhD; Richard A. Santucci, MD, FACS. *From the Detroit Medical Center, Detroit, MI*

DISCUSSANT: Konstantin Umanskiy, MD, FACS, *Chicago, IL*

Success of Reminder Systems in Reducing Catheter Associated Urinary Tract Infections (CAUTI)

Amruta Unawane, MD; Kashyap Patel; Vijay K. Mittal, MD, FACS; Laurence Y. Cheung, MD, FACS; Jasneet S. Bhullar, MD; Gokulakrishna Subhas, MD. *From the Providence Hospital and Medical Centers, Southfield, MI*

DISCUSSANT: Kevin K. Roggin, MD, FACS, *Chicago, IL*

Thursday, October 4

SF30 | 8:00 - 11:15 am

Cardiothoracic Surgery III

Location: W 470A

TRACK: CTS

MODERATOR: John S. Ikonmidis, MD, FACS, *Charleston, SC*

Continuous-Flow Left Ventricular Assist Device Implantation As a Bridge to Transplantation or Destination Therapy: Racial Disparities in Outcomes

Athanasios Tsiouris, MD; Gaetano Paone, MD, FACS; Robert J. Brewer, MD, FACS; Hassan W. Nemeh, MD, FACS; Jamil Borgi, MD; Scott E. Henry, MD, FACS, PhD; Jeffrey A. Morgan, MD, FACS. *From Henry Ford Hospital, Detroit, MI*

DISCUSSANT: Edwin C. McGee, MD, FACS, *Chicago, IL*

Open Femoral Access for Transcatheter Aortic Intervention Leads to Fewer Major Vascular Complications

Jennifer M. Hanna, MD; Nicholas D. Andersen, MD; Asad A. Shah, MD; J. Kevin Harrison, MD; Richard L. McCann, MD; G. Chad Hughes, MD, FACS. *From the Duke University Medical Center, Durham, NC*

DISCUSSANT: S. Chris Malaisrie, MD, FACS, *Chicago, IL*

Risk Factors for Readmission following CABG: Identification of a High Risk Population

Jonathan D. Price, MD; Jamie L. Romeiser, MPH; Jeff M. Gnerre; A. Laurie W. Shroyer, PhD; Todd K. Rosengart, MD, FACS. *From the Stony Brook University Medical Center, Stony Brook, NY*

DISCUSSANT: Richard Lee, MD, FACS, *Chicago, IL*

Predictors of Operative Mortality in Cardiac Surgery Patients with Prolonged Intensive Care Unit Duration

Jacob R. Gillen, MD; Damien J. LaPar, MD, MRCS; Ivan K. Crosby, MD; Christine L. Lau, MD; Irving

L. Kron, MD; Gorav Ailawadi, MD, FACS. *From the University of Virginia, Charlottesville, VA*

DISCUSSANT: Todd K. Rosengart, MD, FACS, *Stony Brook, NY*

On-Pump Beating-Heart Coronary Artery Bypass Surgery in Acute Myocardial Infarction Complicated by Cardiogenic Shock

Timothy I. Carter, MD; Daniel C. Lee, MD; Vinay M. Tak, MD; Joshua H. Burack, MD; Wilson Ko, MD, FACS. *From SUNY Downstate, Brooklyn, NY; St. Vincent's Catholic Medical Center, New York, NY; and Beth Israel Hospital, New York, NY*

DISCUSSANT: Abelardo DeAnda, MD, FACS, *New York, NY*

Quantitative Three-Dimensional Analysis of Bicuspid Aortic Valves: A Single Modality Approach for Characterization of Valvular and Proximal Aortic Pathology

Melissa Levack, MD; Arminder S. Jassar, MD; Liam P. Ryan, MD; Benjamin M. Jackson, MD; Martin G. Keane, MD; Martin G. St John Sutton, MD; Victor A. Ferrari, MD; Joseph H. Gorman III, MD, FACS; Robert C. Gorman, MD, FACS. *From the University of Pennsylvania, Philadelphia, PA*

DISCUSSANT: Thomas G. Gleason, MD, FACS, *Pittsburgh, PA*

Continuous Flow Left Ventricular Assist Device Implant Significantly Improves Pulmonary Hypertension, Right Ventricular Contractility and Tricuspid Valve Competence

Alexander S. Fairman; Pavan Atluri, MD; John W. MacArthur, MD; Elaine Yang; Yashuhiro Shudo, MD; William Hiesinger, MD; Michael A. Acker, MD; Y. Joseph Woo, MD, FACS. *From the University of Pennsylvania, Philadelphia, PA*

DISCUSSANT: John V. Conte, MD, FACS, *Baltimore, MD*

Thoracic Injuries in U.S. Combat Casualties: A Review of Operation Enduring Freedom and Operation Iraqi Freedom

Katherine M. Ivey, MD; Christopher E. White, MD, FACS; Timothy E. Wallum; Jeremy W. Cannon, MD, FACS; Kevin K. Chung, MD, FACP; Jeffrey D. McNeil, MD; Stephen M. Cohn, MD, FACS; Lorne H. Blackburn, MD, FACS. *From the U.S. Army Institute of Surgical Research, Fort Sam Houston, TX*

DISCUSSANT: Michael J. Mann, MD, FACS, *San Francisco, CA*

VATS Lung Resection in the Elderly

Chad M Hall, BSc(Hons); Rudy P. Lackner, MD, FACS; Karin P. Trujillo, MD. *From the University of Nebraska Medical Center, Omaha, NE*

DISCUSSANT: Chadrick E. Denlinger, MD, *Mt. Pleasant, SC*

Insurance Status Predicts Nonelective Case Status But Not Outcomes of Thoracic Aortic Operations

Nicholas D. Andersen, MD; Jennifer M. Hanna, MD; Syamal D. Bhattacharya, MD; Judson B. Williams, MD; Jeffrey G. Gaca, MD; Richard L. McCann, MD; G. Chad Hughes, MD, FACS. *From the Duke University Medical Center, Durham, NC*

DISCUSSANT: Anthony L. Estrera, MD, FACS, *Houston, TX*

Finite Element Modeling of the Human Pulmonary Autograft: A Quantitative Analysis of Wall Stress after the Ross Procedure

Andrew D. Wisneski; Peter B. Matthews; Ali N. Azadani, PhD; Sam Chitsaz, MD; Natalie Lui, MD; Kiyoaki Takabe, MD; Liang Ge, PhD; Elaine E. Tseng, MD, FACS. *From the University of California-San Francisco, San Francisco, CA, and the San Francisco Veterans Affairs Medical Center, San Francisco, CA*

DISCUSSANT: John S. Ikonomidis, MD, FACS, *Charleston, SC*

Pulmonary Metastasectomy: Improving Survival with Less Invasive, More Aggressive Surgery

Joseph A. Reza; Amanda Sammann, MD, MPH; Barbara Grimes, PhD; Michael J. Mann, MD, FACS. *From the University of California-San Francisco, San Francisco, CA*

DISCUSSANT: Eric L. Grogan, MD, FACS, *Nashville, TN*

SF31 | 8:00 - 11:15 am

Innovative Clinical Technology

Location: W 470B

TRACK: EDU

MODERATOR: Raphael C. Lee, MD, ScD, PhD, FACS, *Chicago, IL*

Secondary Cleft Nasoplasty at Primary School Age: Quantitative Evaluation of the Efficacy of Resorbable Plates

Jarred McDaniel, MD; Brendan J. Alleyne; Arun K. Gosain, MD, FACS. *From University Hospitals Case Western Reserve, Cleveland, OH*

DISCUSSANT: Pravin K. Patel, MD, FACS, *Chicago, IL*

Creation of a Nonoperative, True Orthotopic Human Gastric Cancer Murine Model Using Electrocoagulation

Jasneet Singh Bhullar, MD; Ahmad K. Alomari, MD; Gokulakrishna Subhas, MD, MRCSCEd; Tafadzwa Makarawo, MD; Boris Silberberg, MD; Jacqueline Tilak; Vijay K. Mittal, MD, FACS. *From Providence Hospital & Medical Centers, Southfield, MI*

DISCUSSANT: Moderator

Near Infrared Spectroscopic Tomography for Cerebral Monitoring of Stroke and Intracranial Hemorrhage

Tigran Gevorgyan, MD; Harry L. Graber, PhD; Douglas S. Pfeil; Sundeep Mangla, MD; Frank C. Barone, PhD; Jenny Libien, MD, PhD; Jean Charchafieh, MD, DrPH, FCCM, FCCP; John G. Kral, MD, PhD, FACS; Randall L. Barbour, PhD; Daniel C. Lee, MD. *From the State University of New York Downstate Medical Center, Brooklyn, NY, and the Interfaith Medical Center, Brooklyn, NY*

DISCUSSANT: David M. Frim, MD, FACS, *Chicago, IL*

Platelet Dysfunction As an Early Marker for Traumatic Brain Induced Coagulopathy in the Absence of Platelet Inhibitors

Max V. Wohlaue, MD; Scott G. Thomas, MD, FACS; Ernest E. Moore, MD, FACS; Mark Walsh, MD, FACEP; Harsha Musunuru; Patrick K. Davis; Edward Evans, BA CCP; Janet C. Howard, MSN; Victoria A. Ploplis, PhD; Francis J. Castellino, PhD. *From the*

W. M. Keck Center for Transgene Research at the University of Notre Dame, Notre Dame, IN; Memorial Hospital of South Bend, South Bend IN; and the Denver Health Medical Center, Denver, CO

DISCUSSANT: David M. Frim, MD, FACS, *Chicago, IL*

Incidence and Impact of Postoperative Atrial Fibrillation after Minimally Invasive Esophagectomy

Susanne Gray Carpenter, MD; Dawn E. Jaroszewski, MD, FACS; Chee-Chee Stucky; Helen J. Ross; Harshita Paripati; Jonathan Ashman; Kristi L. Harold. *From the Mayo Clinic Arizona, Phoenix, AZ*

DISCUSSANT: Jai Raman, MD, PhD, FRCS, *Chicago, IL*

Challenges and Opportunities in Implementing a Robotic Learning Module in a General Surgery Training Program. The UIC Experience

Antonio Gangemi, MD; Mario Masrur, MD; Federico Gheza, MD; Francesco Maria Bianco, MD; Masahiko Kawaguchi, MD; Enrico Benedetti, MD, FACS; Pier Cristoforo Giulianotti, MD, FACS. *From the University of Illinois at Chicago, Chicago, IL*

DISCUSSANT: Moderator

SF32 | 8:00 - 11:15 am

Plastic Surgery III

Location: W 471A

TRACK: PLA

MODERATOR: Pierre B. Saadeh, MD, FACS, *New York, NY*

CO-MODERATOR: Gregory A. Dumanian, MD, FACS, *Chicago, IL*

2012 Excellence in Research Award Recipient:

Jeff Chang, MS, MD, *Seattle, WA*

Involvement of Regulatory T-Cells in Tolerance towards Vascularized and Nonvascularized Skin Allograft Transplants

Jeff Chang, MD; Billana Hwang, MPH; Tiffany Butts; Scott S. Graves, PhD; Rainer Storb, MD; David W. Mathes, MD, FACS. *From the University of Washington, Seattle, WA, and the Fred Hutchinson Cancer Research Center, Seattle, WA*

DISCUSSANT: Moderator

The Quality of Reporting in Randomised Controlled Trials in Plastic Surgery

Riaz Ahmed Agha, MB, BS, MRCS, MRCSCEd; Christian Camm, MB, BCh; Emre Doganay, MB, BS; Eric Edison, MB, BS; Muhammed Siddiqui, MB, BS, MRCS; Dennis P. Orgill, MD, PhD, FACS. *From the Queen Victoria Hospital NHS Foundation Trust, East Grinstead, United Kingdom*

DISCUSSANT: Moderator

Comparison of Prosthetic and Autogenous Breast Reconstruction: A Multi-institutional Analysis of Postoperative Complications

Geoffrey Chow, MD; Philip J. Hanwright; Colton H. McNichols; Caitlin M. Connor; Kevin P. Bethke, MD; Karl Bilimoria, MD; John Y. S. Kim, MD, FACS. *From the Northwestern Memorial Hospital, Chicago,*

IL, Feinberg School of Medicine, Chicago, IL, and the Northwestern Memorial Faculty Foundation, Chicago, IL

DISCUSSANT: Moderator

Long-Term Tolerance after Transplantation of Mismatched Vascularized Composite Allografts without the Use of Chronic Immunosuppression

Jeff Chang, MD; Tiffany Butts; Scott S. Graves, PhD; Rainer Storb, MD; David W. Mathes, MD, FACS.

From the University of Washington, Seattle, WA, and the Fred Hutchinson Cancer Research Center, Seattle, WA

DISCUSSANT: Moderator

Glial-Derived Neurotrophic Factor (GDNF) Delivered from Microspheres Enhances Peripheral Nerve Regeneration after Delayed Nerve Repair

Gregory H. Borschel, MD, FACS; Matthew D. Wood, PhD; Howard Kim, PhD; Stephen W. P. Kemp, PhD; Mark Szyndkaruk; Peter Phua; Christine Lafontaine; Molly S. Shoichet, PhD; Tessa Gordon, PhD. *From the Hospital for Sick Children, Toronto, ON, and the University of Toronto, Toronto, ON*

DISCUSSANT: Moderator

Long-Term Tolerance towards Vascularized Composite Allograft Transplantation Is Due to Naturally Derived Regulatory T-Cells

Jeff Chang, MD; Billana Hwang, MPH; Tiffany Butts; Scott S. Graves, PhD; Rainer Storb, MD; David W. Mathes, MD, FACS. *From the University of Washington, Seattle, WA, and the Fred Hutchinson Cancer Research Center, Seattle, WA*

DISCUSSANT: Moderator

Lymphatic Microsurgery Today for the Treatment of Peripheral Lymphedema: Indications, Techniques and Long-Term Clinical Outcome

Corradino Campisi, MD, PhD, FACS; Lorenz Larcher, MD; Rosalia Lavagno, MD; Francesco Boccardo, MD, PhD. *From the University of Genoa, Genoa, Italy*

DISCUSSANT: Moderator

Death and ICU Level Complications in Laryngeal and Pharyngeal Surgery: The NSQIP Multispecialty Story of Patients Who Are High Risk for Death

Alfredo C. Cordova, MD; Tamer Ghanem, MD, PhD, FACS; Francis Hall, MD; Robert Stachler, MD; Jennifer Ritz, RN; Anthony Falvo, DO; Ilan S. Rubinfeld, MD, FACS. *From Henry Ford Hospital, Detroit, MI*

DISCUSSANT: Moderator

Effects of Adjuvant Radiation Therapy for Breast Cancer Based on Type of Free Flap Reconstruction

Eric I. Chang, MD; Jacob H. Festekjian, MD; Andrew L. Da Lio, MD; Christopher A. Crisera, MD, FACS. *From the University of California-Los Angeles Medical Center, Los Angeles, CA*

DISCUSSANT: Moderator

SF33 | 8:00 - 11:15 am

Quality, Outcomes, and Costs III

Location: W 471B

TRACKS: EDU, HP

MODERATOR: Ben L. Zarzaur, MD, FACS, *Memphis, TN***ICOUGH: A Multidisciplinary Strategy to Reduce Postoperative Pulmonary Complications**Michael R. Cassidy MD; Pamela Rosenkranz, RN; Karen Weinstock, RN; David McAneny, MD, FACS. *From the Boston University Medical Center, Boston, MA*DISCUSSANT: Oscar D. Guillaumondegui, MD, MPH, FACS, *Nashville, TN***Surgical Skills Limit Availability of Essential and Emergency Surgery Services More than Lack of Resources in Zambian Hospitals: A Nationwide Study**Kendra G. Bowman MD, PhD; Jovic Goran, MD; William Berry, MD, MPH; Atul A. Gawande, MD, MPH, FACS. *From the Harvard School of Public Health, Boston, MA; University Teaching Hospital, Lusaka, Zambia; and Brigham and Women's Hospital, Boston, MA*DISCUSSANT: T. Peter Kingham, MD, *New York, NY***Cervical OR Thoracic Anastomosis: An ACS-NSQIP®****Analysis of Morbidity and Mortality in the Modern Era**Dhruvil R. Shah, MD; Steve R. Martinez, MD; Robert J. Canter, MD; Anthony Yang, MD; Richard J. Bold, MD; David H. Wisner, MD; Vijay P. Khatri, MB, BCh, FACS. *From the University of California Davis, Sacramento, CA*DISCUSSANT: Rodney J. Mason, PhD, MB, BCh, FACS, *Los Angeles, CA***Comparison of Two-Stage Hepatectomy and Single-Stage Hepatectomy after Downstaging by Chemotherapy for the Treatment of Initially Unresectable Colorectal Liver Metastases: A Meta-Analysis**Irada Ibrahim-Zada, MD, PhD; Kaye M. Reid Lombardo, MD, FACS. *From the Mayo Clinic, Rochester, MN*DISCUSSANT: Karyn B. Stitzenberg, MD, MPH, *Chapel Hill, NC***Preference Card Deviations Adversely Impact Operating Room Efficiency**Thomas C. Yonce; P. N. Montero, MD; Victor B. Tsirlin, MD; R. C. Phillips; C. Sievers; Dimitrios Stefanidis, MD, PhD, FACS. *From the Carolinas Medical Center, Charlotte, NC*DISCUSSANT: Caprice C. Greenberg, MD, MPH, FACS, *Madison, WI***Quality of Life and Pulmonary Function Improvements following Laparoscopic Repair of Paraesophageal Hernia: Results of a 5-Year Experience**Ashraf A. Maghrabi, MB, BCh, FRCS; Philip Mitchell, MD, FACS, FRCS; Kenton Rommens, MD; Elizabeth Paolucci, PhD; Neal Church, MD, FRCS; Estifanos Debru, MD, FRCS. *From the University of Calgary, Calgary, AB*DISCUSSANT: Jacob A. Greenberg, MD, EdM, *Madison, WI***Abdominal Wall Reconstruction: Positive Outcomes with Negative Pressure Therapy**Andrew Gassman, MD; Anupama Mehta, MD; Ali Abtahi; Eleonar Bucholz; Thomas Esposito, MD, FACS; Omar Guerra, MD, FACS; Casey Thomas, DO. *From Loyola University Chicago; Stritch School of Medicine, Maywood, IL; and the Missouri Baptist Medical Center, St. Louis, MO*DISCUSSANT: Oscar D. Guillaumondegui, MD, MPH, FACS, *Nashville, TN***Recurrence of Inguinal Hernia in General and Hernia Specialty Hospitals in Ontario, Canada**Atiqa F. A. Malik; Chiam M. Bell, MD, PhD; Therese A. Stukel, PhD; David R. Urbach, MD, FACS. *From the Toronto General Research Institute, Toronto, ON, and the Institute of Clinical Evaluative Sciences, Toronto, ON*DISCUSSANT: Guy R. Voeller, MD, FACS, *Germantown, TN***Minimally Invasive Drainage of Subcutaneous Abscesses Reduces Hospital Cost and Length of Stay**Tiffany N. Wright, MD; Leah Gilligan; Oksana Zhurich; John M. Draus, Jr., MD. *From the Kentucky Children's Hospital, University of Kentucky, Lexington, KY*DISCUSSANT: Ankush Gosain, MD, PhD, *Madison, WI***Laparoscopy: Improvement in Inguinal Hernia Repair**Aaron Saul Rickles, MD; James C. Iannuzzi, MD; Andrew-Paul Deeb; Fergal J. Fleming, MB, BCh, FRCS; John R. T. Monson, MD, FRCS, FACS. *From the University of Rochester, Rochester, NY*DISCUSSANT: Guy R. Voeller, MD, FACS, *Germantown, TN***Increased Corticosteroid Dosing for Immunosuppression in Liver Transplant Recipients Is Associated with Decreased Patient-Reported Health Preference Valuations**Leigh Anne Redhage, MD; Irene D. Feurer, PhD; C. Wright Pinson, MD, FACS; Derek E. Moore, MD, MPH. *From the Vanderbilt University Medical Center, Nashville, TN*DISCUSSANT: Daniela P. Ladner, MD, FACS, *Chicago, IL*

Video-Based Education Sessions (VE)

Each video has been submitted by the author(s) and has been reviewed and accepted by the Committee on Video-based Education, the sponsor of all video-based education sessions.

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Monday, October 1

VE01 | 9:45 am - 1:00 pm

Challenging and Unusual Problems in Surgery

Location: W 187

TRACK: GEN

COORDINATOR AND PRESIDING OFFICER: William B. Inabnet III, MD, FACS, *New York, NY*

PANELISTS:

Michael J. Demeure, MD, FACS, *Scottsdale, AZ*
 Steve Eubanks, MD, FACS, *Orlando, FL*
 Ninh T. Nguyen, MD, FACS, *Orange, CA*

Laparoscopic Repair of Spontaneous Esophageal Perforation (Boerhaave Syndrome)

Alan A. Saber, MD, FACS; Samer S. Aida, MD; Jason A. Saber; *Cleveland, OH*

Autologous Islet Transplantation after Laparoscopic Spleen-Preserving Distal Pancreatectomy. A New Minimally Invasive Technique to Treat Benign Neoplasm of the Pancreatic Body

Carlo Staudacher, MD, FACS; Elena Orsenigo, MD, FACS; Piemonti Lorenzo, MD, PhD; Gianpaolo Balzano, MD; Michele Carvello, MD; *Milano, Italy*

Laparoscopic Resection of a Cystadenoma of the Cystic Duct

Eric Marcotte, MD; Cheguevara Afaneh, MD; Daniel Cherqui, MD; Sherbrooke, QC; Alfons Pomp, MD, FACS, FRCSC; *New York, NY*

Left Gastric Artery Approach for Laparoscopic Median Arcuate Ligament Release

Armando Rosales-Velderrain, MD; John A. Stauffer, MD; Houssam Farres, MD; Ross F. Goldberg, MD; Steven P. Bowers, MD, FACS; Horacio J. Asbun, MD, FACS; *Jacksonville, FL*

Minimally Invasive Inguinal Lymph Node Dissection (MILND) for Melanoma

Travis E. Grotz, MD; Roberto C. Hernandez-Irizarry; James W. Jakub, MD; *Rochester, MN*

Laparoscopic Repair of Common Bile Duct Injury during Laparoscopic Cholecystectomy

Celeste Kang, MD; Alessio Pigazzi, MD, PhD; *Orange, CA*

Laparoscopic Resection of Large Epiphrenic Diverticulum with Heller Myotomy and Anterior Fundoplication

Bernadette U. Laxa, MD; Eric Goldstein, MD; Eric Morgenstern, MD; Anthony Vine, MD; *New York, NY*

Transaxillary Endoscopic Total Thyroidectomy and Central Lymph Node Dissection for Papillary Thyroid Carcinoma

Barnard J. Palmer, MD; Bernadette U. Laxa, MD; William B. Inabnet III, MD, FACS; *New York, NY*

Pure Laparoscopic Right Hepatectomy by Anterior Approach with Hanging Maneuver for Large Intrahepatic Cholangiocarcinoma

Go Wakabayashi, MD, FACS; *Morioka, Japan*

Laparoscopic Left Hepatectomy with Roux-en-Y Hepaticojejunostomy for Intrahepatic Stones

Augusto Tinoco, MD, FACS; Livia R. Aguiar, MD; Luciana J. El-Kadre, MD, PhD; Renam C. Tinoco, MD, PhD, FACS; Rodrigo da Costa Amil, MD; Jehovah G. Tavares, MD; *Itaperuna, Brazil*

Laparoscopic Common Bile Duct Exploration: Removal of an Obstructing Primary Stone

Erin M. Hanna, MD; Ryan Z. Swan, MD; John B. Martinie, MD, FACS; David A. Iannitti, MD, FACS; David Sindram, MD, PhD; *Charlotte, NC*

Minimally Invasive Ivor Lewis Esophagectomy with Hand-Sewn Anastomosis

Jason F. Richardson, MD; Ninh T. Nguyen, MD, FACS; *Orange, CA*

Laparoscopic Pancreas Sparing Total Duodenectomy: A Treatment Option for Large Periapillary Adenomas

Horacio J. Asbun, MD, FACS; John A. Stauffer, MD; Cameron Adkisson, MD; Armando Rosales-Velder-

rain, MD; Ross F. Goldberg, MD; Stephen P. Bowers, MD, FACS; *Jacksonville, FL*

Retroperitoneal Paraganglioma

Andrea Zucchiatti, MD; Luke O. Schoeniger, MD, PhD, FACS; Jacob Moalem, MD, FACS; *Rochester, NY*

Getting to the GIST of the Matter: Laparoscopic Wedge Gastrectomy and Hiatal Hernia Repair

Rebecca B. Kowalski, MD; Niket Sonpal, MD; Brian A. Mitzman, MD; Paresh C. Shah, MD, FACS; *New York, NY*

VE02 | 9:45 am - 1:00 pm Colon and Rectal Surgery

Location: W 375A

TRACK: CRS

COORDINATORS AND PRESIDING OFFICERS:

Steven D. Wexner, MD, FACS, *Weston, FL*
Tonia M. Young-Fadok, MD, FACS, FASCRS, *Phoenix, AZ*

PANELISTS:

Alessandro Fichera, MD, FACS, FASCRS, *Chicago, IL*
Scott R. Steele, MD, FACS, FASCRS, *Fort Lewis, WA*

Treatment of a Transsphincteric Anal Fistula with GORE Bio-A Fistula Plug

Herand Abcarian, MD, FACS, *Chicago, IL*

Ligation Intersphincteric Fistula Tract for Bilateral Fistula in Ano

Tal R. Raphaeli, MD; Amir Bastawrous, MD, FACS; *Seattle, WA*

Perineal Proctosigmoidectomy with Repair of Perineal Hernia and Levatorplasty

Ulrik G. Wallin, MD, PhD; Sarah Vogler, MD; Stanley M. Goldberg, MD, FACS, HonFRACS; *Minneapolis, MN*

Rectocele Repair, Transvaginal Technique with Mesh and Levatorplasty

Slawomir J. Marecik, MD, FACS; Joaquin Estrada; Vamsi R. Velchuru; Marek Zawadzki; John Park; Leela M. Prasad, MD, FACS, FRCS(Edin), FRCS(C), FASCRS; *Park Ridge, IL*

Surgical Resection of Pelvic GIST Tumor in the Rectovaginal Septum

Tomas M. Heimann, MD, FACS; Daniel K. Saul, MD; Alero Nanna, MD; *Rye Brook, NY*

Reconstruction after Enbloc Total Pelvic Exenteration with Sacrectomy Using Mucosa-Removed Colonic Flap, a Novel Technique

Puttarat Atittharnsakul, MD; Chucheeep Sahakitrunguang, MD, MSc; *Bangkok, Thailand*

Posterior Approach to Retrorectal Tumor Traversing Levator Ani

Jose G. Guillem, MD, FACS; Emily Steinhagen, MD; *New York, NY*

Laparoscopic Assisted Ileocolic Resection for Perforated Crohn's Disease during Pregnancy

Alexander J. Greenstein, MD, MPH; Malini Sur, MD; Adrian J. Greenstein, MD, FACS, FRCS; *New York, NY*

Laparoscopic Restorative Proctocolectomy with Ileal J-Pouch Creation through the Umbilical Port

Shota Takano, MD; Marylise Boutros, MD, FRCS; Steven D. Wexner, MD, FACS, FRCS; *Weston, FL*

Robotic Assisted Laparoscopic Ultra-Low Anterior Resection with Trans-Anal Specimen Extraction for Rectal Adenocarcinoma and Symptomatic Giant Hemangioma

Alisa M. Coker, MD; Suresh Pola, MD; Geylor Acosta, MD; Takayuki Dotai, MD; Luciano Antozzi, MD; Syed M. Fehmi, MD, MSc; Santiago Horgan, MD, FACS; Mark A. Talamini, MD, FACS; Sonia L. Ramamoorthy, MD, FACS; Elisabeth C. McLemore, MD, FACS; *La Jolla, CA*

Robotic Total Mesorectal Excision with Coloanal Anastomosis: Technical Aspects

Paolo P. Bianchi, MD; Wanda Petz, MD; Lorenzo Casali, MD; Matias Parodi, MD; Daniele Belotti, MD; *Milano, Italy*

Standardized Approach in Laparoscopic Total Mesorectal Excision

Danilo Miskovic, MD, FRCS; Najaf N. Siddiqi, MB, BS, MRCS; Jim Khan, MB, BS, FCPS, FRCS; Amjad Parvaiz, MB, BS, FRCS; *London, United Kingdom*

Rectal Cancer: Laparoscopic Technique of Low Anterior Resection and Pathologic Specimen Evaluation

Badma Bashankaev, MD; Steven D. Wexner, MD, FACS; Petr Tsarkov, MD, PhD; Mariana Berho, MD; *Moscow, Russian Federation*

Extralevator Abdominoperineal Excision for Low Rectal Cancer: The Perineal Technique with Reconstruction Using a Biologic Mesh

Baljit Singh, BA, BM, BCh, MA, FRCS, DPhil, FACS; Per J. Nilsson, MD, PhD; Sanjay Chaudhri, MB, BS, MSc, FRCS; *Leicester, United Kingdom*

Transanal Endoscopic Microsurgery (TEM): Technical Difficulties and Complications

Deirdre C. Kelleher, MD; Anjali S. Kumar, MD, MPH, FACS; Shafik M. Sidani, MD; Jasna Coralic, MD; Kirithi Kolli, MB, BS; Lee E. Smith, MD; *Washington, DC*

VE03 | 2:30 - 5:45 pm

Subject-Oriented Symposium I: New Techniques and Technologies

Location: W 175

TRACK: GEN

COORDINATOR AND PRESIDING OFFICERS:

Alessandro Fichera, MD, FACS, FASCRS, *Chicago, IL*
Alan A. Saber, MD, FACS, *Cleveland, OH*

PANELISTS:

Santiago Horgan, MD, FACS, *San Diego, CA*
Ninh T. Nguyen, MD, FACS, *Orange, CA*
Alfons Pomp, MD, FACS, *New York, NY*
Raul J. Rosenthal, MD, FACS, *Weston, FL*
Tonia M. Young-Fadok, MD, FACS, FASCRS, *Phoenix, AZ*

Technique of Per-Oral Endoscopic Myotomy (POEM) for Achalasia

Eric M. Pauli, MD; Jeffrey M. Marks, MD, FACS; Jeffrey L. Ponsky, MD, FACS; *Cleveland, OH*

A New Robotic Platform for Single Incision Surgery

Alisa M. Coker, MD; Marcos Michelotti, MD; Geylor Acosta, MD; Takayuki Dotai, MD; Masayasu Aikawa, MD; Luciano Antozzi, MD; Garth R. Jacobsen, MD, FACS; Bryan J. Sandler, MD, FACS; Mark A. Talamini, MD, FACS; Santiago Horgan, MD, FACS; *San Diego, CA*

Endoluminal Electric Stimulation of Lower Esophageal Sphincter: A New Approach for Gastroesophageal Reflux Disease (GERD)

Manoel G. Neto, MD, *Sao Paulo, Brazil*

Endoscopic Treatment of Primary and Secondary Obesity

Natan Zundel, MD, FACS, *North Miami Beach, FL*

Intragastric Surgery: Resection of Gastric Tumor with Transoral Extraction of the Specimen

Geylor Acosta, MD; Luciano Antozzi, MD; Alisa M. Coker, MD; Takayuki Dotai, MD; Marcos Michelotti, MD; Juan S. Barajas-Gamboa, MD; Garth R. Jacobsen, MD; Bryan J. Sandler, MD; Santiago Horgan, MD, FACS; Mark A. Talamini, MD, FACS; *San Diego, CA*

Surgical Steps of TORE (TransOral Remnant Extraction) in Laparoscopic Sleeve Gastrectomy

Takayuki Dotai, MD; Alisa M. Coker, MD; Luciano Antozzi, MD; Geylor Acosta, MD; Marcos Michelotti, MD; Nikolai Bildzukewicz, MD; Bryan J. Sandler, MD; Garth R. Jacobsen, MD; Mark A. Talamini, MD; Santiago Horgan, MD, FACS; *San Diego, CA*

Laparo-Endoscopic Single Site (LESS) Toupet Fundoplication

Sharona B. Ross, MD, FACS; Harold Paul; Krishen D. Patel; Edward Choung, MD; Alexander S. Rose-murgh, MD, FACS, *Tampa, FL*

Single Incision Laparoscopic Adjustable Gastric-Banded Plication

Chih-Kun Huang, MD, *Kaohsiung, Taiwan*

Single Incision Totally Extraperitoneal Bilateral Inguinal Hernia Repair Using an Innovative Platform

Nikolai A. Bildzukewicz, MD; Bryan J. Sandler, MD, FACS; Alisa M. Coker, MD; Marcos Michelotti, MD; Geylor Acosta, MD; Luciano Antozzi, MD; Takayuki Dotai, MD; Garth R. Jacobsen, MD, FACS; Santiago Horgan, MD, FACS; Mark A. Talamini, MD, FACS; *San Diego, CA*

Single Incision Transumbilical Laparoscopic Liver Surgery

Giovanni Dapri, MD, FACS; Vincent Donckier, MD, PhD; Jacques Himpens, MD; Guy-Bernard Cadière, MD, PhD; *Brussels, Belgium*

Single Port Laparoscopic Splenectomy

Eduardo M. Targarona, MD, PhD, FACS; Jose L. Pallares, MD; Carlos Rodriguez-Luppi, MD; Carmen Balague, MD, PhD; Manuel Trias, MD, PhD; *Barcelona, Spain*

Laparoscopic Assisted Transvaginal Cholecystectomy—How We Do It

Sebastian Pohle, MD; Scott Tschuppert, MD; Carolin Bohner, MD; Thomas M. Kocher, MD, FACS; Andreas Keerl, MD; *Baden, Switzerland*

NOTES, E-Notes Transvaginal Appendectomy

Andres L. Hanssen, MD, FACS; Sergio Plotnikov, MD; Rinci L. Dubois, MD; Yanira Vuolo, MD; Diego Hanssen; *Caracas, Venezuela*

Combined Laparoscopic and Endoscopic Resection of Colonic Polyp

Peter W. Marcello, MD, FACS, FASCRS, *Burlington, MA*

Single Incision Laparoscopic Colectomy

Conor P. Delaney, MCh, PhD, FACS, FASCRS, *Cleveland, OH*

VE04 | 2:30 - 5:45 pm

Cardiothoracic Surgery

Location: W 194

TRACK: CTS

COORDINATOR AND PRESIDING OFFICERS:

Craig J. Baker, MD, FACS, *Los Angeles, CA*
Sudish C. Murthy, MD, FACS, *Cleveland, OH*

PANELISTS:

Marcelo C. DaSilva, MD, FACS, *Brookline, MA*
David R. Jones, MD, FACS, *Charlottesville, VA*
John C. Kucharczuk, MD, FACS, *Philadelphia, PA*

Robotic Heller Myotomy and Dor Fundoplication for Achalasia

Siva Raja, MD, PhD; David P. Mason, MD, FACS; Thomas W. Rice, MD, FACS; Daniel P. Raymond, MD, FACS; Sudish C. Murthy, MD, PhD, FACS; *Cleveland, OH*

Video-Assisted Thoracoscopic Surgery (VATS) Epicardial Lead Placement and Ablation for Inappropriate Sinus Tachycardia

Nilay R. Shah, MD; Dawn E. Jaroszewski, MD, FACS; Luis R. Scott, MD; Komandoor Srivathsan, MD; Octavio Pajaro, MD; Francisco A. Arabia, MD, FACS; Robert L. Scott, MD; *Phoenix, AZ*

Treatment of Esophageal Perforation with a Stent and an Intercostal Muscle Flap

Min P. Kim, MD; Shanda H. Blackmon, MD, MPH, FACS; *Houston, TX*

VATS Pneumonectomy for Left Hilar Mass

Elizabeth A. David, MD; Shanda H. Blackmon, MD, MPH, FACS; Min P. Kim, MD; *Houston, TX*

Use of Sternal Talons in Median Sternotomy

Frank A. Baciewicz, MD, FACS, *Detroit, MI*

Minimally-Invasive Enucleation of a Large, Multi-lobulated, Extensively Calcified Esophageal Leiomyoma

Ryan A. Macke, MD; James D. Luketich, MD, FACS; Katie S. Nason, MD, MPH; Matthew J. Schuchert, MD, FACS; *Pittsburgh, PA*

Robotic Lobectomy with Bronchoplastic Closure of the Airway

Richard Lazzaro, MD, *Colts Neck, NJ*

Repair of Acquired Tracheoesophageal Fistula with Tracheal Resection and Buttressed Primary Closure

Shady M. Eldaif, MD; Adil Sadiq, MD; Felix G. Fernandez, MD, FACS; *Atlanta, GA*

Video-Assisted Right Upper Lobe Posterior Segmentectomy

Andrew J. Kaufman, MD, *New York, NY*

Closure of Tracheocutaneous Fistula

Siva Raja, MD, PhD; Sudish C. Murthy, MD, PhD, FACS; *Cleveland, OH*

Robotic Resection of a Mid-Esophageal Diverticulum in Prone Position

Alisa M. Coker, MD; Nikolai Bildzukewicz, MD; Marcos Michelotti, MD; Takayuki Dotai, MD; Juan S. Barajas-Gamboa, MD; Luciano Antozzi, MD; Bryan J. Sandler, MD, FACS; Garth R. Jacobsen, MD, FACS; Mark A. Talamini, MD, FACS; Santiago Horgan, MD, FACS; *San Diego, CA*

Robotic Repair of Giant Paraesophageal: Modified Collis-Nissen Procedure and Preservation of Replaced Left Hepatic Artery

Sudish C. Murthy, MD, PhD, FACS; David P. Mason, MD, FACS; Siva Raja, MD, PhD; *Cleveland, OH*

VE05 | 2:30 - 5:45 pm

General Surgery I

Location: W 187

TRACK: GEN

COORDINATOR AND PRESIDING OFFICER:

Steven D. Schwartzberg, MD, FACS, *Cambridge, MA*

PANELISTS:

Mark P. Callery, MD, FACS, *Boston, MA*
Pascal R. Fuchshuber, MD, PhD, FACS, *Walnut Creek, CA*
Adrian E. Park, MD, FACS, FRCS, FCS(ESCA), *Annapolis, MD*

Laparoscopic-Assisted Small Bowel Resection for Gallstone Ileus

William W. Hope, MD, FACS; W. Borden Hooks, MD; Mindy N. Merritt, MD; Cyrus A. Kotwall, MD, FACS; Thomas V. Clancy, MD, FACS; *Wilmington, NC*

The Standardization of Laparo-Endoscopic Single Site (LESS) Cholecystectomy

Sharona B. Ross, MD, FACS; Alexander S. Rosemurgy, MD, FACS; Michael Albrink, MD; Giovanni Dapri, MD, FACS; Scott Gallagher, MD; William Kelley, MD; Santiago Horgan, MD, FACS; Michael Kai, DO; Kenneth Luberice; Jeffrey L. Marks, MD, FACS; Jose Martinez, MD; Yoav Mintz, MD; Dmitry Oleynikov, MD, FACS; Harold Paul; Aurora Pryor, MD; David W. Rattner, MD, FACS; Homero Rivas, MD; Kurt Roberts, MD; Eugene Rubach, MD; Steven D. Schwartzberg, MD, FACS; Lee L. Swanstrom, MD, FACS; John Sweeney, MD; Erik Wilson, MD; Harry Zemon, MD; Natan Zundel, MD, FACS; *Tampa, FL*

Laparoscopic Transgastric Pancreatic Debridement and Cystgastrostomy

Kerri Ann Simo, MD; Ryan Z. Swan, MD; Neal Agee, MD; David Sindram, MD, PhD; John B. Martinie, MD, FACS; David A. Iannitti, MD, FACS; *Charlotte, NC*

Total Thyroidectomy and Right Inferior

Parathyroidectomy with Intraoperative Nerve Monitoring
Michele N. Minuto, MD; Marco Biricotti, MD; Carlo E. Ambrosini, MD; David Galleri, MD; Manuela Moretti, MD; *Paolo Miccoli; Pisa, Italy*

Robotic Posterior Retroperitoneal Adrenalectomy

Halit E. Taskin, MD; Orhan Agcaoglu, MD; Shamil Aliyev, MD; Erol Aksoy, MD; Eren Berber, MD; *Cleveland, OH*

Laparoscopic Pancreatic Necrosectomy and Cholecystectomy for Infected Acute Necrotizing Pancreatitis

Andre F. Teixeira, MD; Carolina Ampudia, MD; Conrad Simpfendorfer, MD; *Orlando, FL*

Laparoscopic Repair of Sciatic Hernia

Jai Bikhchandani, MD; Adam O'Toole; Susan Sasse, MD; *Omaha, NE*

Bilateral Laparoscopic Lumbar Sympathectomy

Haley I. Tupper; Swee Lian Tan, MD, FACS; *Seattle, WA*

Video-Assisted Retroperitoneal Debridement for Infected Pancreatic Collections: A Reliable Step-up Approach

Miguel Angel Garcia Urena, MD, PhD; Daniel Melero-Montes, MD; Javier López-Monclús, MD; Camilo Castellón, MD, PhD; Patricia López, MD; Luis Blázquez, MD; Carmen Jiménez, MD; Enrique Calvo, MD; Robin Alvaro, MD; Federico Gordo, MD, PhD; *Coslada, Spain*

Laparoscopic Distal Pancreato-Splenectomy with Transvaginal Extraction of the Specimen

Andres L. Hanssen, MD, FACS; Sergio Plotnikov, MD; Rinci L. Dubois, MD; Yanira Vuolo, MD; Diego Hanssen, MS; *Caracas, Venezuela*

Laparoscopic Left Hepatectomy

Shamil Aliyev, MD; Halit E. Taskin, MD; Erol Aksoy, MD; Eren Berber, MD; *Cleveland, OH*

Laparoscopic Right Hepatectomy Using Intraoperative Image Guidance

Erol Aksoy, MD; Shamil Aliyev, MD; Halit E. Taskin, MD; Cristiano Quinitini, MD; Eren Berber, MD; *Cleveland, OH*

VE06 | 6:30 - 8:30 pm

Clinical Workshop Through Video

Location: Hilton Chicago - Northwest Hall 5

TRACK: GEN

COORDINATOR AND PRESIDING OFFICER:

Kevin M. Reavis, MD, FACS, *Portland, OR*

PANELISTS:

Brent D. Matthews, MD, FACS, *St. Louis, MO*
Kenric M. Murayama, MD, FACS, *Philadelphia, PA*
Ninh T. Nguyen, MD, FACS, *Orange, CA*

Laparoscopic Management of Bilateral Pheochromocytoma: Two-Step Anterior and Posterior Approach

Marco M. Lirici, MD, FACS; Nicola Agostini, MD, PhD; Andrea D. Califano, MD; Flora Salerno, MD; *Rome, Italy*

Thoracoscopic Resection of a Congenital Esophageal Stricture in a Six-Year-Old Female

Steven S. Rothenberg, MD, FACS, *Denver, CO*

Complications and Surgical Revision after Loop (Mini)-Gastric Bypass

Dana D. Portenier, MD, FACS; Jonathan A. Hata, MD, FACS; Eric J. DeMaria, MD, FACS; *Durham, NC*

Minimally Invasive Robotic Extended Right Hepatectomy with Intrahepatic Roux-En-Y Bilio-Jejunostomy for Cholangiocarcinoma

Francesco Maria Bianco, MD; Fabio Sbrana, MD, FACS; Pietro Addeo, MD; Mark S. Choh, MD; Galaxy Shah, MD; Pier Cristoforo Giulianotti, MD, FACS; *Chicago, IL*

Laparoscopic Gastrectomy with Billroth I Reconstruction

Julio H. Reyes, MD, FACS; Carl J. Westcott, MD, FACS; Adolfo Z. Fernandez, MD, FACS; *Winston-Salem, NC*

Laparoscopic Ileocolic Resection and Sigmoid Resection for Fistulizing Crohn's Disease

Linda P. Zhang, MD; Scott Q. Nguyen, MD, FACS; Edward H. Chin, MD, FACS; Celia M. Divino, MD, FACS; *New York, NY*

Combined Laparoscopic Component Separation and Laparoscopic Hernia Repair for a Complex Incisional Hernia

Rodney J. Mason, PhD, MB, BCh, FACS; Ashkan Moazzez, MD, FACS; Michael J. Rosen, MD, FACS; *Los Angeles, CA*

Laparoscopic Partial Splenectomy for Splenic Cyst

Elena Orsenigo, MD, FACS; Carlo Staudacher, MD, FACS; *Milano, Italy*

Tuesday, October 2

VE07 | 8:00 - 11:15 am

General Surgery II

Location: W 375A

TRACK: GEN

COORDINATOR AND PRESIDING OFFICER:

Daniel M. Herron, MD, FACS, *New York, NY*

PANELISTS:

L. Michael Brunt, MD, FACS, *St. Louis, MO*
 Alfons Pomp, MD, FACS, *New York, NY*
 Archana Ramaswamy, MD, FACS, FRCSC, *Columbia, MO*

Laparoscopic Repair of the Giant Type IV Hiatal Hernia with Bioabsorbable Mesh

Geylor Acosta, MD; Luciano Antozzi, MD; Garth R. Jacobsen, MD, FACS; Marcos Michelotti, MD; Alisa M. Coker, MD; Juan S. Barajas-Gamboa, MD; Nicolai Bildzukewicz, MD; Bryan J. Sandler, MD; Santiago Horgan, MD, FACS; Mark A. Talamini, MD, FACS; *San Diego, CA*

Laparoscopic Recurrent Hiatal Hernia Repair with Nissen Fundoplication and a Partial Gastrectomy for Gastroesophageal Reflux Disease (GERD) after Prior Anti-reflux Procedure

Abraham Fridman, DO; Yaniv Cozacov, MD; Melissa Gianos, MD; Carlos Esquivel, MD; Carolina Am-

pudia, MD; Samuel Szomstein, MD, FACS; Raul J. Rosenthal, MD, FACS; *New York, NY*

Laparoscopic Repair of an Incarcerated Recurrent Paraesophageal Hernia

Edward L. Felix, MD, FACS; Michael Maruyama, MD; *Fresno, CA*

Transoral Treatment of Zenker Diverticulum

Riccardo Rosati, MD, FACS; Uberto Fumagalli, MD; Martina Ceolin, MD; Lavinia Barbieri, MD; *Rozzano, Italy*

Laparoscopic Highly Selective Vagotomy

Dustin L. Eck, MD; Horacio J. Asbun, MD, FACS; John A. Stauffer, MD; *Jacksonville, FL*

Current Technique of Laparoscopic Diaphragm Pacemaker Insertion

Eric M. Pauli, MD; Mary Jo Elmo, CRNP; Raymond P. Onders, MD, FACS; *Cleveland, OH*

Sticks 'n' Stones: Laparoscopic Subtotal Gastrectomy with Billroth II Reconstruction, Cholecystectomy, and Common Bile Duct Exploration

Brian A. Mitzman, MD; Rebecca B. Kowalski, MD; Niket Sonpal, MD; Hirra Ali, MD; Matthew Grossman, MD; Gregory B. Haber, MD; Pares C. Shah, MD, FACS; *New York, NY*

Single-Incision Retroperitoneoscopic Adrenalectomy for Cushing Syndrome

Barnard J. Palmer, MD; Leon Kushnir, MD; Bernadette U. Laxa, MD; William B. Inabnet III, MD, FACS; *New York, NY*

Laparoscopic Transabdominal Subtotal Adrenalectomy for Bilateral Pheochromocytoma

Barnard J. Palmer, MD; Bernadette U. Laxa, MD; William B. Inabnet III, MD, FACS; *New York, NY*

Non-Congenital, Non-Traumatic Diaphragmatic Hernia: Does It Exist?

Sophia L. Fu, MD; Jonathan S. Wong, MD; *Brooklyn, NY*

Laparoscopic Repair of Traumatic Right-Sided Diaphragmatic Hernia

Avishai J. Meyer, MD; Abhijit Shaligram, MD; Pradeep Pallati, MD; Dmitry Oleynikov, MD, FACS; *Omaha, NE*

Foramen of Winslow Internal Hernia

James Siatras, DO; Don J. Selzer, MD, FACS; Daniel T. McKenna, MD; *Carmel, IN*

Laparoscopic Repair of Morgagni Diaphragmatic Hernia in a Patient with Marfan's Syndrome

Johnathan Slone, MD, MPH; Yaniv Cozacov, MD; Carlos Esquivel, MD; Carolina Ampudia, MD; Rena Moon, MD; Samuel Szomstein, MD, FACS; Raul J. Rosenthal, MD, FACS; *Weston, FL*

Pitfalls of Reoperative Surgery for Achalasia

Bernadette U. Laxa, MD; Barry A. Salky, MD, FACS; *New York, NY*

Sentinel Lymph Node Navigation in Esophageal Squamous Cell Carcinoma

Elena Orsenigo, MD, FACS; Carlo Staudacher, MD, FACS; Carla Canevari, MD; Edi Viale, MD; Michele Carvello, MD; *Milano, Italy*

Robotic Living Donor Kidney Transplant with an Interposed Ovarian Vein Graft in a Super-Obese Patient
David Calatayud, MD, PhD; Mario Masrur, MD; Luca Milone, MD; Gianmarco Contino, MD; Mohamed El Zaeedi, MD; Francesco M. Bianco, MD; Myriam P. Davis, RN, NP; Jose Oberholzer, MD, FACS; Enrico Benedetti, MD, FACS; Pier Cristoforo Giulianotti, MD, FACS; *Chicago, IL*

VE08 | 8:00 - 11:15 am
Otolaryngology – Head and Neck Surgery
Location: W 194

TRACK: OTO

COORDINATOR AND PRESIDING OFFICER:
Robert R. Lorenz, MD, FACS, *Cleveland, OH*

PANELISTS:
Sanjay R. Parikh, MD, FACS, *Seattle, WA*
Joseph Scharpf, MD, FACS, *Chagrin Falls, OH*

Slide Tracheoplasty for Long Segment Tracheal Stenosis
Sanjay R. Parikh, MD, FACS; Randy Bly, MD; Michael McMullan, MD, *Seattle, WA*

Transoral Robotic Surgery (TORS) for Large Mixed Laryngocele
Pier G. Ciabatti, MD; Giulia Burali, MD; Luca D'Ascanio, MD; *Arezzo, Italy*

Multi-Level Robotic Surgery for Obstructive Sleep Apnea Syndrome
Pier G. Ciabatti, MD; Giulia Burali, MD; Luca D'Ascanio, MD; *Arezzo, Italy*

Transoral Robotic Lingual Tonsillectomy
Enver Ozer, MD; Kasim Durmus, MD; Theodoros N. Teknos, MD; *Columbus, OH*

Combined Endoscopic and Transoral Robotic Nasopharyngectomy
Enver Ozer, MD; Kasim Durmus, MD; Danielle De Lara, MD; Daniel M. Prevedello, MD; Ricardo L. Carrau, MD, FACS; *Columbus, OH*

Transoral Robotic Supraglottic Laryngectomy
Enver Ozer, MD; Kasim Durmus, MD; Theodoros N. Teknos, MD; Ricardo L. Carrau, MD, FACS; *Columbus, OH*

Transoral Robotic Surgical (TORS) Resection of a T2NOMO Supraglottic Squamous Cell Cancer
Joseph Scharpf, MD, FACS, *Chagrin Falls, OH*

Radiofrequency Ablation: A Novel Approach to Lesions of the Oral Cavity in Children
Soham Roy, MD, FACS, FAAP, *Houston, TX*

Continuous Intraoperative Nerve Monitoring during Thyroid Surgery
Max A. Trahan, MD; Salem I. Noureldine, MD; Emad Kandil, MD, FACS; *New Orleans, LA*

Treatment of Laryngeal Paralysis
Robert R. Lorenz, MD, FACS, *Cleveland, OH*

Use of Quik-Clot to Enhance Hemostasis during Tonsillectomy
Craig S. Derkay, MD, FACS; Peter Volsky, MD; *Norfolk, VA*

VE10 | 12:45 - 2:15 pm
Orthopaedic Surgery
Location: W 184A

TRACK: ORT

COORDINATOR AND PRESIDING OFFICER:
Christian W. Ertl, MD, FACS, *Kalamazoo, MI*

PANELISTS:
William J. J. Ertl, MD, FACS, *Oklahoma City, OK*
Philip D. Nowicki, MD, *Kalamazoo, MI*

Use of Arthrograms in Pediatric Orthopaedic Surgery
Brandon Hayes, MD; Philip D. Nowicki, MD; *Kalamazoo, MI*

Partial Scapula Resection for a Large, Low-Grade Chondrosarcoma
James C. Wittig, MD; Camilo Villalobos, MD; Brett Hayden; Andrew Silverman; *New York, NY*

Osteomyoplastic Reconstruction in a Patient with Dysvascular Disease
Christian W. Ertl, MD, FACS; Selest Nashef; Timothy Darling, CPO; William J. J. Ertl, MD, FACS; Leandra H. Burke; *Kalamazoo, MI*

Anterior Approach for Limb Sparing Resection of Tumors Involving the Distal Humerus: A Technique That Emphasizes Meticulous Neurovascular Dissection, Reconstruction with a Modular Distal Humerus Tumor Prosthesis and Multiple Muscle Transfers to Optimize Elbow Function
James C. Wittig, MD; Camilo Villalobos, MD; Brett Hayden; Andrew Silverman; Brandon Comer; *New York, NY*

VE11 | 12:45 - 2:15 pm
Hepatobiliary Surgery
Location: W 187

TRACK: GEN

COORDINATOR AND PRESIDING OFFICER:
Don J. Selzer, MD, FACS, *Indianapolis, IN*

PANELISTS:
Kimberly M. Brown, MD, FACS, *Galveston, TX*
Mary Alice Maluccio, MD, *Indianapolis, IN*

Benign Tumors of Biliary Tract—Surgical Treatment
Guido De Sena, MD; Francesco La Rocca, MD; Francesco Chianese, MD; Carlo Molino, MD; Oscar Nappi, MD; Maria Rosaria de Ritiis, MD; Gianfranco De Dominicis, MD; Giuseppina Marino Marsilia, MD; *Naples, Italy*

Totally Laparoscopic Anatomical Anterior Sectorectomy for Hepatocellular Carcinoma
Goro Honda, MD, FACS; Masanao Kurata, MD, PhD; Yukihiro Okuda, MD; Shin Kobayashi, MD; Koji Tsuruta, MD, PhD; *Tokyo, Japan*

Usefulness of VirSSPA (3D Software) in Planning Extreme Hepatic Surgery
Luis Miguel Marin-Gomez, MD, PhD; Jose M. Alamo-Martinez, MD, PhD; Carmen Bernal-Bellido, MD, PhD; Pedro T. Gomez-Cia, MD, PhD; Juan Serrano-Diaz-Canedo, MD, PhD; Gonzalo Suarez-Artacho, MD; Francisco J. Padillo-Ruiz, MD, PhD; Miguel A. Gomez-Bravo, MD; *Seville, Spain*

Hybrid Hand-Assisted Laparoscopic Whipple Resection for Pancreatic Adenocarcinoma; with an Open Hand-Sewn Approach to Hepatico and Pancreatico-Jejunal Reconstruction through a Limited Hand Port Incision

Spiros P. Hiotis, MD, FACS; Linda P. Zhang, MD; Anna G. Rosenblatt; *New York, NY*

Liver Surgery with Use of Indocyanine Green Imaging

Norihiro Kokudo, MD, FACS; Taku Aoki, MD, PhD; Sumihito Tamura, MD; Yoshikuni Kawaguchi, MD; *Tokyo, Japan*

Extended Right Hepatectomy, Caudate Lobectomy and Portal Vein Bifurcation Resection for Klatskin Tumor

Francesco Crafa, MD; Kenneth Zeri, MD; Simonetta Iacovitti, MD; Mario Baiamonte, MD; Antonino Picciurro, MD; Francesco Bavetta, MD; *Palermo, Italy*

Radical Surgery of Liver Tumor Involving Hepatic Venous Outflow with and without Hypothermic Protection

Emilio Vicente, MD, PhD, FACS; Yolanda Quijano, MD, PhD; Hipolito Duran, MD, PhD; Eduardo Diaz, MD; Isabel Fabra, MD; Ramon Puga, MD; Benedetto Ielpo, MD; Ricardo Carusso, MD; Manuel Hidalgo, MD; Jose C. Plaza, MD; *Madrid, Spain*

VE12 | 12:45 - 2:15 pm

Obstetrics and Gynecology

Location: W 180

TRACK: OBG

COORDINATOR AND PRESIDING OFFICER:

Farr R. Nezhat, MD, FACS, FACOG, *New York, NY*

PANELISTS:

Eve Zaritsky, MD, *Oakland, CA*
Ceana H. Nezhat, MD, FACS, *Atlanta, GA*
Chandhu Paka, MD, *Palo Alto, CA*

Robotic Assisted Laparoscopic Management of a Unicornuate Uterus

Ali Parsa, MD; Elizabeth Buescher, MD; Camran Nezhat, MD, FACS; *Palo Alto, CA*

Laparoscopic Low Anterior Resection of Rectal Mass

Ali Parsa, MD; Chandhu Paka, MD; Camran Nezhat, MD, FACS; *Palo Alto, CA*

Laparoscopy for Ruptured Ectopic Pregnancy

Mahesh K. Rao, FICS, FACS, *Sikar, India*

Laparoscopic Splenectomy for Isolated Recurrent Ovarian Cancer

Farr R. Nezhat, MD, FACS; Jason A. Sternchos, MD; Tamara N. Finger, MD; David K. Halpern, MD; *New York, NY*

Hysteroscopic Resection of Submucosal Leiomyoma

Ana L. Vaillant, MD; Amaury Llorens, MD, FACOG, REI; *San Juan, PR*

Laparoscopic Segmental Resection of Small Bowel in Severe Endometriosis

Ali Parsa, MD; Louise King, MD; Camran Nezhat, MD, FACS; *Palo Alto, CA*

Application of Tissue Retrieval Pouch for Laparoscopic Removal of Exceptionally Large Adnexal Mass

Mireille Truong, MD; Jessica I. Shepherd, MD; *Chicago, IL*

Endometriosis of Bilateral Lungs

Elizabeth Buescher, MD; Camran Nezhat, MD, FACS; *Palo Alto, CA*

VE13 | 12:45 - 4:00 pm

Subject-Oriented Symposium III: Surgical Management of Carcinoid and Neuroendocrine Tumors

Location: W 194

TRACKS: GEN, NEU

COORDINATOR AND PRESIDING OFFICER:

William B. Inabnet III, MD, FACS, *New York, NY*
James A. Lee, MD, FACS, *New York, NY*

Abdominal

Janice L. Pasieka, MD, FACS, FRCSC, *Calgary, AB*

Abdominal

Daniel M. Labow, MD, FACS; Myron E. Schwartz, MD, FACS; *New York, NY*

Lymph Node Mapping for Midgut Carcinoid

Yi-Zarn Wang, MD, FACS, *New Orleans, LA*

Enucleation/Laparoscopic Distal Pancreatectomy

Miguel F. Herrera, MD, FACS, *Mexico City, Mexico*

Central Pancreatectomy

John A. Chabot, MD, FACS, *New York, NY*

Laparoscopic Whipple

Horacio J. Asbun, MD, FACS, *Jacksonville, FL*

Robotic Approaches

Pier Cristoforo Giulianotti, MD, FACS, *Chicago, IL*

Liver Resection

Douglas L. Fraker, MD, FACS, *Philadelphia, PA*

Radiofrequency Ablation

Allan Siperstein, MD, *Cleveland, OH*

Chemoperfusion

Steven K. Libutti, MD, FACS, *Bethesda, MD*

VE14 | 2:30 - 4:00 pm

Movie Classics from the Past

Location: W 178

TRACK: GEN

COORDINATOR AND PRESIDING OFFICER:

L. Michael Brunt, MD, FACS, *St. Louis, MO*

Colonoscopy and the Surgeon

AUTHOR: Kenneth A. Forde, MD, FACS

DISCUSSANT: Frederick L. Greene, MD, FACS, *Charlotte, NC*

Laparoscopic Nissen Fundoplication

AUTHORS: Jeffrey H. Peters, MD, FACS and Tom R.

DeMeester, MD, FACS

DISCUSSANT: John G. Hunter, MD, FACS, *Portland, OR*

Stapling in the Gastrointestinal Tract with the Use of Historical Stapling Instruments:

AUTHORS: Mark M. Ravitch, MD, FACS and Felicien M.

Steichen, MD, FACS

Discussant: David B. Earle, MD, FACS, *Springfield, MA*

The Pelvic Pouch and Ileo-Anal Anastomosis Procedure

AUTHOR: Zane Cohen, MD, FACS

DISCUSSANT: James W. Fleshman, MD, FACS, *St. Louis, MO*

VE15 | 2:30 - 5:45 pm**Highlights of International Meetings***Location: W 192*

TRACKS: GEN, INT

COORDINATOR AND PRESIDING OFFICERS:

Pascal R. Fuchshuber, MD, PhD, FACS, *Walnut Creek, CA*Giovanni Dapri, MD, FACS, *Brussels, Belgium***Laparoscopic Repair and Splenic Flexure Mobilization—Beware of the Pancreas**Joep Knol, MD, *Hasselt, Belgium***Single Incision Laparoscopic Spleen Preserving Distal Pancreatectomy—Is It Feasible?**Palanisamy Senthilnathan, MB, BS, MS, MRCS(Ed), DNB(GI Surg), *Coimbatore, India***Pancreatic Head Resection with Segmental Duodenectomy (PHSD) for Intraductal Papillary Mucinous Neoplasm of the Pancreas**Akimasa Nakao, MD, PhD, FACS, *Nagoya, Japan***Laparoscopic Partial Splenectomy**Selman Uranues, MD, FACS, *Graz, Austria***Laparoscopic Retrosternal Bypass for Corrosive Stricture of the Esophagus**Anil K. Agarwal, MB, BS, FACS, *New Delhi, India***Thoracoscopic Excision of Esophageal Leiomyoma in Prone Position**Alfonso Antequera, MD, FACS, *Madrid, Spain***Major Resection of Intrathoracic Trachea: A Surgical Challenge**Rajendra K. Karwasra, MB, BS, FACS, *Rohtak, India***Gastro-brochial Fistula Closed by Endoscopic Fistula Plug**Ahmed Sharata, MD; Neil H. Bhayani, MD; Ashwin A. Kurian, MB, BS; Kevin M. Reavis, MD, FACS; Christy M. Dunst, MD, FACS; Lee L. Swanstrom, MD, FACS; *Portland, OR***Radical Distal Gastrectomy for Early Gastric Cancer**Yihong Sun, MD, *Shanghai, China***Totally Laparoscopic Anatomical Hepatectomy Resection of the Dorsal Right Anterior Segment**Goro Honda, MD, FACS, *Bunkyo-ku, Tokyo, Japan***The Laparoscopic Left Hepatectomy—The Posterior Approach**Nairuthya Shivathirthan, MD; Noah Zuker, MD; Brice Gayet, MD, PhD, *Paris, France***Upper Transversal Hepatectomy**Guido Torzilli, MD, *Milan, Italy***Two Stage Hepatectomy Combined with PVE for Multiple Bilobar Colorectal Liver Metastases**Philippe Bachellier, MD, PhD, *Strasbourg, France***Associating Liver Partition with Portal Vein Ligation for Staged Hepatectomy**Erik Schadde, MD, FACS, *Zurich, Switzerland***Ligation of Inersphincteric Fistula Tract (LIFT)**Art Hiranyakas, MD, *Phuket, Thailand***Laparoscopic LAR and Extended Lt Hemicolectomy with Rt Side CAA for Synchronous Colon Cancer**Pornthep Prathanvanich, MD, *Bangkok, Thailand***VE16 | 4:15 - 5:45 pm****Urological Surgery***Location: W 184A*

TRACK: URO

COORDINATOR AND PRESIDING OFFICER:

Stephen Y. Nakada, MD, FACS, *Madison, WI*

PANELISTS:

Ronney Abaza, MD, FACS, *Columbus, OH*Tracy M. Downs, MD, *Madison, WI***Robotic-Assisted Laparoscopic Partial Nephrectomy and Regional Retroperitoneal Lymph Node Dissection in an Adolescent with Renal Cell Carcinoma**Nicholas G. Cost, MD; Paul H. Noh, MD; *Cincinnati, OH***Simplified Technique for Robotic-Assisted Laparoscopic Extravesical Ureteral Reimplantation in Children**Roger E. De Filippo, MD, FACS; Philip Kim, MD; Mukul Patil, MD; Justin Lee; Andy Chang, MD; Craig A. Peters, MD, FACS; Brian Hardy, MD; Chester Koh, MD; *Los Angeles, CA***Ureteroscopic Laser Management of Large Upper Tract Urothelial Tumors**Kelly A. Healy, MD; Nir Kleinmann, MD; Scott G. Hubosky, MD; Demetrius H. Bagley, MD, FACS; *Philadelphia, PA***Robotic-Assisted Endoscopic Inguinal Lymph Node Dissection**Adam Kadlec, MD; Anthony J. Polcari, MD; Marcus L. Quek, MD, *Chicago, IL***Combined Laparoscopic and Microsurgical Technique for Vasovasostomy of the Obstructed Inguinal Vas Deferens**Matthew G. McIntyre, MD; Xishi Tan, MD; Richard Link, MD, PhD; Larry Lipshultz, MD; *Houston, TX***Robotic-Assisted Insertion of an Artificial Urinary Sphincter: Solutions for Stress Incontinence in Complex and Trauma Patients**Jonathan Melquist, MD; Heather McCaffrey, MD; Ruth Ann Miles, MD; Zelik Frischer, MD; Rahuldev Bhalla, MD; *Hauppauge, NY***Robotic Technique for Excision of a Metachronous Solitary Adrenal Metastasis from Contra-lateral Renal Cell Cancer**Joshua Holyoak, MD; Joshua Pagar, MD; Naveen Pokala, MD; *Columbia, MO***Robot-Assisted Retroperitoneal Partial Nephrectomy**Mathew C. Raynor, MD; Ian Udell, MD; Raj Kurpad, MD; Matthew E. Nielsen, MD; Michael E. Woods, MD; Eric M. Wallen, MD, FACS; Raj S. Pruthi, MD, FACS; *Chapel Hill, NC***Robotic Partial Nephrectomy for Renal Cell Carcinomas with Venous Tumor Thrombus**Ronney Abaza, MD, FACS; Praneeth Vemulapalli, MD; Edward Nickerson; *Columbus, OH***Percutaneous Antergrade Resection of Renal Pelvic Tumors Using Bipolar PK Button Vaporization: A Novel Technique**Jordan Angell, MD; Brian Cross, MD; Austin Derosa, MD; Viraj Master, MD; Kenneth Ogan, MD; Daniel Canter, MD; *Atlanta, GA*

VE17 | 6:30 - 8:30 pm**Best Videos from the Past***Location: Hilton Chicago Northwest Hall 5*

TRACK: GEN

COORDINATOR AND PRESIDING OFFICER:

Alfons Pomp, MD, FACS, *New York, NY*

PANELISTS:

Michael B. Eyde, MD, FACS, FRACS, *New York, NY*Jacques P. Heppell, MD, *Phoenix, AZ*Richard L. Whelan, MD, FACS, *New York, NY***Mesh Plug and Patch Repair**Ira M. Rutkow, MD, FACS, *New York, NY*; Alan W.Robbins, MD, FACS, *Rancho Santa Fe, CA***Pushing the Boundaries of Laparoscopic Adrenalectomy**Quan-Yang Duh, MD, FACS, *San Francisco, CA***Three-Field Esophagectomy**Nasser K. Altorki, MD, FACS, *New York, NY***Laparoscopic Repair of Paraesophageal Hernia with Anterior Gastropexy**Jeffrey L. Ponsky, MD, FACS, *Cleveland, OH***Post-Gastrectomy Reconstruction**E. Christopher Ellison, MD, FACS, *Columbus, OH***Sacral Rectopexy and Sigmoid Resection for Rectal Prolapse**Herand Abcarian, MD, FACS, *Chicago, IL***Laparoscopic Robotic Sigmoid Colectomy**Gary R. Gecelter, MB, BCh, FACS, *Manhasset, NY*;George DeNoto, MD, FACS, *Lake Success, NY***Management of Rectovaginal Fistulas**James W. Fleshman, MD, FACS, *St. Louis, MO***Minimally Invasive Endoscopic Thyroidectomy**William B. Inabnet III, MD, FACS, *New York, NY***VARD: Videoscopic-Assisted Retroperitoneal Debridement for Infected Peripancreatic Collections (Left)**Karen D. Horvath, MD, FACS; Patrick S. Wolf, MD;
*Seattle, WA***Wednesday, October 3****VE18 | 8:00 - 9:30 am****Subject-Oriented Symposium IV: 3D Video Imaging***Location: W 196A*

TRACK: GEN

COORDINATOR AND PRESIDING OFFICER:

Horacio J. Asbun, MD, FACS, *Jacksonville, FL***Opening Remarks on 3D Surgery History and Evolution**Steven D. Schwartzberg, MD, FACS, *Cambridge, MA***3D Laparoscopic Colorectal Surgery**Tonia M. Young-Fadok, MD, FACS, FASCRS, *Phoenix, AZ***Laparoscopic Longitudinal Pancreaticojejunostomy (Puestow Procedure) for Chronic Pancreatitis in 3D**Horacio J. Asbun, MD, FACS, *Jacksonville, FL***3D Laparoscopic Bariatric Surgery**Denise W. Gee, MD, FACS, *Boston, MA***VE19 | 8:00 - 11:15 am****Pediatric Surgery***Location: W 192*

TRACK: PED

COORDINATOR AND PRESIDING OFFICER:

Steven S. Rothenberg, MD, FACS, *Denver, CO*

PANELISTS:

Daniel J. Ostlie, MD, FACS, *Kansas City, MO*Daniel von Allmen, MD, FACS, *Cincinnati, OH***Laparoscopic Omental Mobilization for Indirect Revascularization in MoyaMoya Disease**Matias Bruzoni, MD; Gary K. Steinberg, MD; Sanjeev Dutta, MD; *Palo Alto, CA***Utilization of a Novel Unidirectional Knotless Suture during Minimal Access Procedures in Pediatric Surgery**Jeffrey R. Lukish, MD, FACS; Sara Rasmussen, MD, PhD; Deidre Garrett, MD, PhD; Fray Stewart, MD; Fizan Abdullah, MD, PhD; James Buck, MD; Paul Colombani, MD, PhD; *Lutherville, MD***Novel Trick in the Management of a Recurrent Tracheal-Esophageal Fistula**Todd A. Ponsky, MD, FACS; Joe Posluszny, MD; Siavash Raigani; *Cleveland, OH***Bronchoscopic Retrieval of a Long-Term Impacted Foreign Body**Jason A. Snyder, MD; Felix C. Blanco, MD, FACS; Diego A. Preciado, MD, PhD; Faisal G. Qureshi, MD, FACS; *Baltimore, MD***Laparoscopic Repair of Pyloric Atresia**David Juang, MD; George Holcomb III, MD, FACS; *Kansas City, MO***Laparoscopic Ventriculocystic Shunt Placement**Michael V. Tirabassi, MD; Bermans J. Iskandar, MD; *Verona, WI***Laparoscopic Large Ovarian Cystectomy and Removal through a Natural Orifice in a 16-Year-Old Female**Ceana H. Nezhat, MD, FACS; Adi Katz, MD; Anar Gojayev, MD; *Atlanta, GA***Laparoscopic Segmental Colon Resection of a NEC Stricture with Intracorporeal Anastomosis in a Neonate**Arul Thirumoorthi, MD, *New York, NY***Preperitoneal Retromuscular Flank Hernia Repair in a Child**David M. Krpata, MD; Eric M. Pauli, MD; Yuri W. Novitsky, MD; Todd A. Ponsky, MD, FACS; Michael J. Rosen, MD, FACS; *Cleveland, OH***Laparoscopic Choledochal Cyst Excision and Hepaticoduodenostomy**Aaron M. Lipskar, MD; Ian C. Mitchell, MD; Meade Barlow, MD; Jose M. Prince, MD; *Bronx, NY***Thoracoscopic Resection of a Right Lower Lobe for Inflammatory Cystic Disease in an Adolescent**Steven S. Rothenberg, MD, FACS, *Denver, CO*

Initial Laparoscopic Management of Pygopagus Conjoined Twins

Anthony Y. Tsai, MD; Eunice Y. Huang, MD, FACS;
John Uffman, MD, MPH; James F. Green, MD; Max R.
Langham, Jr., MD, FACS; *Ypsilanti, MI*

Single Incision Pediatric Endosurgery: Novel Approach to the Management of Ileal Stricture from Crohn's Disease

Marie K. Thomas, MD; Michael V. Tirabassi, MD;
Madison, WI

VE20 | 9:45 - 11:15 am

Subject-Oriented Symposium V: Managing Complications

Location: W 194

TRACK: GEN

COORDINATOR AND PRESIDING OFFICER:

Michael J. Rosen, MD, FACS, *Solon, OH*

PANELISTS:

Jeffrey M. Marks, MD, FACS, *Cleveland, OH*
W. Scott Melvin, MD, FACS, *Columbus, OH*

Laparoscopic Ventral and Inguinal Hernia

Brent D. Matthews, MD, FACS, *St. Louis, MO*

Laparoscopic Colorectal Surgery

Bradley J. Champagne, MD, FACS, FASCRS,
Cleveland, OH

Laparoscopic Bariatric Surgery

Bradley J. Needleman, MD, FACS, *Columbus, OH*

Laparoscopic Esophageal

Brant K. Oelschlager, MD, FACS, *Seattle, WA*

Laparoscopic Hepatobiliary and Pancreatic

Michael L. Kendrick, MD, FACS, *Rochester, MN*

Laparoscopic Solid Organ (Spleens, Adrenals, and Kidneys)

Kent W. Kercher, MD, FACS, *Charlotte, NC*

VE21 | 12:45 - 2:15 pm

Subject-Oriented Symposium VI: Surgical Endoscopy

Location: W 194

TRACK: GEN

COORDINATOR AND PRESIDING OFFICER:

Jeffrey M. Marks, MD, FACS, *Cleveland, OH*

PANELISTS:

Jonathan P. Pearl, MD, FACS, *Baltimore, MD*
Robert D. Fanelli, MD, FACS, FASGE, *Pittsfield, MA*

Laparoscopic-Assisted Endoscopic Polypectomy (ACS 2805)

Jaime E. Sanchez, MD; Beth R. Krieger, MD; Jared
C. Frattini, MD; Jorge E. Marcet, MD, FACS, FASCRS,
Tampa, FL

Peroral Endoscopic Myotomy

Ezra Teitelbaum, MD; Eric S. Hungness, MD, FACS,
Chicago, IL

A Totally Endoscopic Device for the Treatment of Morbid Obesity: Insertion and Retrieval (ACS-2709)

Charles J. Dolce, MD; Stephen E. Deal, MD; Jenni-
fer E. Keller, MD; Constance L. Simms, RN; Delois
Abraham, RN; Timothy S. Kawadia, MD; B. Todd

Heniford, MD, FACS; Keith S. Gersin, MD, FACS;
Charlotte, NC

Technical Challenge in Case of ERCP in a Patient with Prior Esophagectomy and Cervical Esophagostomy

Melissa S. Phillips, MD, *Knoxville, TN*

Endoscopic Gastric Band Removal

Kari J. Thompson, MD, *San Diego, CA*

Over-the-Scope Colonic Stent Placement

Eric M. Pauli, MD, *Cleveland, OH*

VE22 | 12:45 - 2:15 pm

Vascular Surgery

Location: W 475

TRACK: VAS

COORDINATOR AND PRESIDING OFFICER:

Lakshmikumar Pillai, MD, FACS, *Morgantown, WV*

PANELISTS:

Maciej Lukasz Dryjski, MD, FACS, *Buffalo, NY*
David J. Minion, MD, FACS, *Lexington, KY*
Scott L. Stevens, MD, *Knoxville, TN*

Surgical Removal of an Infected Suprarenal IVC Filter and Duodenal Repair

Rami O. Tadros, MD; Peter L. Faries, MD; Anna G.
Rosenblatt; Edward H. Chin, MD; Scott A. Sundick,
MD; Michael L. Marin, MD, FACS; Sharif H. Ellozy,
MD; *New York, NY*

Repair of a Left Subclavian-Axillary Artery Aneurysm with a Dacron® Interposition Graft

Patrick J. O'Hara, MD, FACS; George Anton, MD;
Cleveland, OH

Thoracic Debranching Followed by TEVAR for Treatment of Thoracoabdominal Aneurysm

Sharif H. Ellozy, MD; Gabriele Di Luozzo, MD; Anna
G. Rosenblatt; Rami O. Tadros, MD; Varinder S.
Phangureh, MD; Peter L. Faries, MD, FACS; Michael
L. Marin, MD, FACS; *New York, NY*

In Situ Laser Fenestration to Revascularize the Left Subclavian Artery during Emergent Thoracic Endovascular Aortic Repair

Sadaf S. Ahanchi, MD, FACS; Jean M. Panneton, MD,
FACS, FRCSC; *Norfolk, VA*

Urgent Repair of a Symptomatic Pararenal Aortic Aneurysm Using a Surgeon-Modified Fenestrated-Branched Stent-Graft

Joseph J. Ricotta II, MD, FACS; Nikolaos Tsilimparis,
MD; *Atlanta, GA*

Total Endovascular Repair of a Type III Thoracoabdominal Aortic Aneurysm Using an "Off-the-Shelf" Branched Endograft

W. Anthony Lee, MD, FACS; John C. Motta, MD,
FACS; *Boca Raton, FL*

VE23 | 12:45 - 4:00 pm

General Surgery III

Location: W 192

TRACK: GEN

COORDINATOR AND PRESIDING OFFICER:

Jon C. Gould, MD, FACS, *Milwaukee, WI*

PANELISTS:

Matthew I. Goldblatt, MD, FACS, *Milwaukee, WI*
 Gregory J. Maneini, MD, FACS, *Knoxville, TN*
 Dean J. Mikami, MD, FACS, *Columbus, OH*

Transinguinal Preperitoneal Patch under Local Anesthesia

Edouard P. Pelissier, MD, FACS; Philippe Ngo, MD;
Condé-sur-Vesgre, France

TAPP Repair and Mesh Excision for a Recurrent Inguinal Hernia

Joshua S. Rickey, MD; Rana C. Pullatt, MD, FACS;
Johns Island, SC

Inguinal Neuritis Recognition during Lichtenstein Repair of Primary Inguinal Hernia

Robert C. Wright, MD, FACS; Caleb Wolfe; *Puyallup, WA*

Cystic Echinococcosis Treated by Right Hepatectomy-Anterior Approach

Juan C. Pelayo, MD, *San Bruno, CA*

Abdominal Wall Reconstruction Utilizing Transversus Abdominis Release (TAR) in a Patient with Massive Loss of Domain

Eric M. Pauli, MD; David M. Krpata, MD; Michael J. Rosen, MD, FACS; Yuri W. Novitsky, MD; *Cleveland, OH*

TAPP Repair of a Recurrent Sliding Hernia in a Morbidly Obese Patient

Sharee Wright, MD; Rana C. Pullatt, MD, FACS;
Charleston, SC

Laparoscopic Herniorrhaphy for a Failed TEP

Dermot J. Hehir, MD, FACS, FRCSI, MC; Joseph G. McAndrew, MB, BCh; *Tullamore, Ireland*

Surgical Repair of Type IV Paraesophageal Hernia with Intra-Thoracic Spleen

Erin W. Gilbert; Philbert Van, MD; James Dolan, MD;
 John G. Hunter, MD, FACS; *Portland, OR*

Retromuscular Sublay Repair for the Treatment of Recurrent Postraumatic Lumbar Hernia

Miguel Angel Garcia Urena, MD, PhD; Javier López-Monclús, MD; Daniel Melero-Montes, MD; Camilo Castellón, MD, PhD; Enrique González, MD, PhD; Armando Galván, MD, PhD; Natividad Palencia, MD; Asunción Aguilera, MD; Arturo Cruz, MD; Luis Alberto Blázquez, MD; *Coslada, Spain*

Robotic-Assisted Laparoscopic Recurrent Diaphragmatic Hernia Repair with Mesh

Carlos A. Galvani, MD; Ulises Garza, MD; Amit Kaul, MD; Angela B. Echeverria, MD; Bianca Zangeneh, MD; Terence O'Keeffe, MD; *Tucson, AZ*

Emergent Laparoscopic Repair of Incarcerated Left Diaphragmatic Hernia

Jenny H. Pan, MD; Diya I. Alaedeen, MD; *Cleveland, OH*

4:1 Fascial Closure: Understanding Optimal Laparotomy Closure Technique

Eric M. Pauli, MD; David M. Krpata, MD; Yuri W. Novitsky, MD; Jeffrey L. Ponsky, MD, FACS; Michael J. Rosen, MD, FACS; *Cleveland, OH*

VE24 | 2:30 - 4:00 pm

Trauma

Location: W 178

TRACK: TRA

COORDINATOR AND PRESIDING OFFICER:

Dennis W. Ashley, MD, FACS, FCCM, *Macon, GA*

PANELISTS:

Mark D. Cipolle, MD, FACS, *Newark, DE*
 Christopher J. Dente, MD, FACS, *Atlanta, GA*
 Frank R. Kennedy, MD, FACS, *San Diego, CA*
 Juan C. Puyana, MD, FACS, FRCS, FACP,
Pittsburgh, PA

Diagnostic Laparoscopy for Hemoperitoneum from Blunt Abdominal Trauma

Alan A. Saber, MD, FACS; Samer S. Aida, MD; Jason A. Saber; *Cleveland, OH*

Open Abdomen with Concomitant Entero-Atmospheric Fistula: Validation, Refinements and Adjuncts to a Novel Approach

Salomone Di Saverio, MD; Andrea Biscardi, MD; Silvia Villani, MD; Eleonora Giorgini, MD; Gregorio Tugnoli, MD; *Bologna, Italy*

Surgeon-Performed Ultrasound in the ICU: An Extension of the Physical Exam

D. Benjamin Christie III, MD; Amy B. Christie, MD; Dennis W. Ashley, MD, FACS, FCCM; Cecil E. Brown, Jr., MD; John A. Hudson, MD; *Macon, GA*

Chest Impalement—Aorta Injury—Assessment and Management

Francisco D. S. Collet E Silva, MD, FACS; Dario V. Birolini, MD, FACS(Hon); Jocielle Miranda, MD; Celso O. Bernini, MD; Samir Rasslan, MD, FACS; *Sao Paulo, Brazil*

How to Organize Your ICU to Insert IVC Filters at the Bedside

Daniel Wu, DO; Frederick B. Rogers, MD, FACS; *Lancaster, PA*

Ultrasound Can Replace Chest Radiography for Tube Thoracostomy Removal

Michael C. Soult, MD, *Norfolk, VA*

Thursday, October 4

VE25 | 8:00 - 11:15 am

Bariatric Surgery

Location: W 375C

TRACK: GEN

COORDINATOR AND PRESIDING OFFICER:

William O. Richards, MD, FACS, *Mobile, AL*

PANELISTS:

Robin L. Blackstone MD, FACS, FASMBS, *Scottsdale, AZ*
 Alfonso Torquati, MD, FACS, *Durham, NC*

A Proposed Operative Technique for Restoration of Continuity in Patients with Roux-en-Y Anatomy

Bernadette U. Laxa, MD; Daniel M. Herron, MD, FACS; *New York, NY*

Conversion of Laparoscopic RYGB to Laparoscopic Duodenal Switch for Complete Recidivism

Robert Sung, MD; Mitchell S. Roslin, MD, FACS;
New York, NY

Laparoscopic Gastric Banding after Previous Roux-en-Y Gastric Bypass

Jason F. Richardson, MD; Ninh T. Nguyen, MD,
FACS; *Orange, CA*

Techniques of Laparoscopic Sleeve Gastrectomy

Paul T. Cirangle, MD, FACS; *San Francisco, CA*

Single Incision Laparoscopic Revision of Gastric Band to Sleeve Gastrectomy

Alan A. Saber, MD, FACS; Samer S. Aida, MD; Jason
A. Saber; Tamer N. Abdelbaki, MD; *Cleveland, OH*

Laparoscopic Revision of Sleeve Gastrectomy to Roux-en-Y Gastric Bypass for Chronic Proximal Staple Line Disruption

Johnathan Slone, MD, MPH; Rena Moon, MD; Elon
Lahat, MD; Moshe Rublin, MD; Raul J. Rosenthal,
MD, FACS; *Weston, FL*

Laparoscopic Gastric Plication: Surgical Technique

Luciano Antozzi, MD; Marcos Michelotti, MD; San-
tiago Horgan, MD, FACS; Geylor Acosta, MD; Juan
Barajas Gamboa, MD; Alisa M. Coker, MD; Bryan J.
Sandler, MD; Garth R. Jacobsen, MD, FACS; Mark A.
Talamini, MD, FACS; Nikolai Bildzukewicz, MD; *San
Diego, CA*

Transgastric Revision of a Vertical Banded Gastroplasty

Kunoor Jain-Spangler, MD; Joel Rodriguez, MD;
Dana Portenier, MD, FACS; *Durham, NC*

Laparoscopic Endoscopic-Assisted Takedown of Vertical Banded Gastroplasty (VBG)

Carlos A. Galvani, MD; Angela B. Echeverria, MD;
Amit Kaul, MD; Ulises Garza, MD; *Tucson, AZ*

Endoluminal Laparoscopic Closure of a Gastro Gastric Fistula

Rana C. Pullatt, MD, MRCS, FACS; Karl Byrne, MD,
FACS; Bryan Thomas, MD; *Charleston, SC*

Laparoscopic Resection of Gastro-Gastric Fistula after Open Drainage of Leak and Incisional Hernia Repair with Primary Closure and Allograft Underlay

Mitchell S. Roslin, MD, FACS, *New York, NY*

Minimally Invasive Surgical Management of Gastro-Gastric (GG) Fistula after Complicated Marginal Ulcer

Angela B. Echeverria, MD; Ulises Garza, MD; Amit
Kaul, MD; Carlos A. Galvani, MD, *Tucson, AZ*

The Laparoscopic Approach to Internals Hernias after Roux-en-Y Gastric Bypass

Edward L. Felix, MD, FACS; Dan Swartz, MD; *Fresno,
CA*

Laparoscopic Management of GI Bleed from Penetrating Ulcer after RYGB

Jun L. Levine, MD; David Y. Lee, MD; Ronald Ross,
MDBS; Koji Park, MD; Julio A. Teixeira, MD, FACS;
New York, NY

Laparoscopic Management of Failed Anti-Reflux Operation in the Morbidly Obese

Kevin M. El-Hayek, MD; John Rodriguez, MD;
Poochong Timratana, MD; Matthew Kroh, MD,
FACS; Bipan Chand, MD, FACS; *Cleveland, OH*

Laparoscopic Paraesophageal Hernia Repair and Gastric Bypass

Ronald H. Clements, MD, FACS, *Nashville, TN*

Laparoscopic Removal of an Eroded Adjustable Gastric Band through Anterior Gastrostomy

Karan Bath, MD; Carolina Ampudia, MD; Rena
Moon, MD; Carlos Esquivel, MD; Samuel Szomstein,
MD, FACS; Raul J. Rosenthal, MD, FACS; *Weston, FL*

Scientific Poster Presentations (PP)

The Scientific Poster Presentations are listed alphabetically by category. Each poster will be on display only on the date noted on this page. Refer to the page number that follows each category to find information regarding each group of posters, including booth location. Posters will be on display in McCormick Place, West Building, Third Floor.

Entrance to the poster presentations is allowed only with an official badge. Spouses, guests and young adults 16 years of age or older may visit the poster presentations, provided they are registered.

These Posters will be on display Monday, October 1 through Wednesday, October 3 from 9:00 am - 4:30 pm. Attendees are especially encouraged to visit the posters during the 11:00 am - 2:30 pm lunch period, when authors will be at their booths to discuss their work and answer questions.

In addition, in an effort to promote and acknowledge the work of these exhibitors, attendees are cordially invited to attend a lunchtime tour of the Posters of Exceptional Merit, facilitated by Program Committee Chair, Valerie W. Rusch, MD, FACS. This presentation will take place on Tuesday, October 2, in McCormick Place, West Building 3rd Floor, from 11:30 am - 12:30 pm.

Daily

Posters of Exceptional Merit 162

Monday, October 1 (M)

Endocrine Surgery	153
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Obstetrics and Gynecology	160
Otolaryngology	161
Pediatric Surgery	161
Quality, Outcomes, and Costs	163
Trauma Surgery	169

Tuesday, October 2 (T)

Bariatric Surgery	148
Colon and Rectal Surgery	150
Plastic / Maxillofacial Surgery	162
Surgical Oncology	167
Transplantation	168
Urology	170

Wednesday, October 3 (W)

Cardiothoracic Surgery	149
Geriatric	157
Liver / Biliary Tract / Pancreas	157
Miscellaneous	159
Orthopaedic Surgery	161
Perioperative and Critical Care Surgery	161
Surgical Education	165
Surgical Humanitarian Outreach	165
Vascular Surgery	171

Bariatric Surgery

Changes in Intestinal Glucose Handling after Roux-en-Y Gastric Bypass Surgery PP182 - T

Hina Y. Bhutta, MB, BS, MRCS; Tara E. Deelman, MD; David B. Rhoads, PhD; Ali Tavakkolizadeh, MB, BCh, FACS(Hon), FRCS. *Brigham and Women's Hospital, Boston, MA.*

Factors That Influence Remission of Type II Diabetes in Bariatric Surgery PP183 - T

Lohith P. Bosc, MD; Changxing Ma, PhD; Aaron Hoffman, MD; Alan Posner, MD. *State University of New York at Buffalo, Buffalo, NY.*

Intestinal Glucose Sensing Elements in Obese Patients Undergoing Gastric Bypass Surgery PP184 - T

Hina Y. Bhutta, MB, BS, MRCS; Tara E. Deelman, MD; Ali Tavakkolizadeh, MB, BS, FACS(Hon), FRCS. *Brigham and Women's Hospital, Boston, MA.*

Intestine Transplantation and Surgical Reconstruction for Gastrointestinal Failure following Bariatric Surgery PP185 - T

Guilherme Costa, MD, FACS; Jose R. Cunha-Melo, MD, PhD; Hiroshi Sogawa, MD, FACS; Lilian Martin, RN; Darlene Koritsky, RN; Mary Roberts, RN; Laura Matarese, PhD; Kareem M. Abu-Elmagd, MD, PhD, FACS. *University of Pittsburgh, Pittsburgh, PA.*

Laparoscopic Sleeve Gastrectomy for Failed Adjustable Gastric Banding: Outcomes between One Stage vs. Two-Stages PP186 - T

Michel Gagner, MD, FACS, FRCS; Davit Sargsyan, MD; Moataz Bashah, MD; Mohammed Al-Kuwari, MD; Mohammed Rizwan, MD; Amira Said, MD; Nasreen Khidir, MD. *Hamad General Hospital, Doha, Qatar.*

Laparoscopic Sleeve Gastrectomy: An Analysis of 5,900 Patients from the National Inpatient Sample Database PP187 - T

Muhammad Asad Khan, MD; Roman Grinberg, MD; John Afthinos, MD; Karen E. Gibbs, MD. *Staten Island University Hospital, Staten Island, NY.*

Long-Term Surgical Complications of Bariatric Surgery and Associated Costs PP188 - T

Taylor G. Duncan; Levi D. Procter, MD; Andrew C. Bernard, MD. *University of Kentucky College of Medicine, Lexington, KY.*

Not All Bariatric Surgery Patients Are at High Risk for Deep Venous Thrombosis PP189 - T

Michael A. Schweitzer, MD, FACS; Thomas H. Magnuson, MD, FACS; Anne O. Lidor, MD, FACS; Mark Bohlman, MD; Hien Nguyen, MD; Shelley Adderley; Lisa

Eaton; Katherine Lamond, MD; Kimberley Steele, MD.
Johns Hopkins University, Baltimore, MD.

One-Year Weight Loss Outcomes with LAP-BAND® AP among Multiple Regions: Results of the Helping Evaluate Reduction in Obesity (HERO) Study PP190 - T
Chris S. Cobourn, MD, FRCSC; Marcio Torre, MD; Wen-Li Lao, PharmD; Rui Shi; Caroline Burk, PharmD; Daisy Ng-Mak, PhD. *Allergan, Irvine, CA.*

Outcomes of Pouch and Anastomosis Trimming As a Revisional Treatment Modality in Roux-En-Y Gastric Bypass Patients with Weight Regain or Failure of Weight Loss Due to Pouch and Anastomosis Enlargement. Does It Work? PP191 - T
Rena Moon, MD; Yaniv Cozacov, MD; Sang Moon Han, MD; Carlos Esquivel, MD; Gil Ho Kang, MD; Carolina Ampudia, MD; Samuel Szomstein, MD, FACS; Raul J. Rosenthal, MD, FACS. *Cleveland Clinic Florida, Weston, FL.*

Suture Reinforcement of Circular Stapled Gastrojejunal Anastomosis during Gastric Bypass Surgery Increases Stricture Rates PP192 - T
Sofiane El Djouzi, MD, FRCS(Ed); Zeid M. Keilani, MD; Timothy S. Kuwada, MD, FACS; Keith S. Gersin, MD, FACS; Connie Simms, RN; Dimitrios Stefanidis, MD, PhD, FACS. *Carolina Medical Center, Charlotte, NC.*

Cardiothoracic Surgery

Chronic Kidney Disease and Acute Kidney Injury Affect Outcome of Surgical Procedures PP167 - W
Juan J. Olivero, MD; Maresh Ramchandani, MD; Wadi N. Suki, MD; Maureen Disbot, RN; Linda W. Moore; A. Osama Gaber, MD, FACS. *The Methodist Hospital, Houston, TX.*

Contemporary Incidence and Risk Factors for Carotid Artery Disease in Patients Referred for Coronary Artery Bypass Surgery PP168 - W
Kelly M. Wanamaker, MD; Robert J. Moraca, MD; Diane Nitzberg; Jacquelyn V. Palmer, MD; George J. Magovern, Jr., MD. *Allegheny General Hospital, Pittsburgh, PA.*

Conventional Isolated Aortic Valve Replacement in Octogenarians—A 10-Year Single Center Experience PP169 - W
James K. Wu, MD; Justin D. Roberts, DO; Gregory S. Troutman; Michael J. Weiss, MPH, Epi; Sanjay M. Mehta, MD; Theodore G. Phillips, MD; Michael F. Szwerc, MD; Gary W. Szydlowski, MD; Timothy S. Misselbeck, MD; Raymond L. Singer, MD, MMM, FACS. *Lehigh Valley Health Network, Allentown, PA.*

Cost and Outcomes in Off Pump Coronary Artery Bypass Surgery: Analysis of a Single Institution Database PP170 - W
Diego Pena, MD; Giovanni Rios, MD; Juan Correa, MD. *Javeriana University and Hospital San Ignacio, Bogota, Colombia.*

Impact of Aortic Manipulation during Coronary Artery Bypass Surgery: The Effect of Aortic Clamping Strategies on Postoperative Stroke PP171 - W
William T. Daniel III; Patrick Kilgo; Kim T. Baio, MSN, RN; John D. Puskas, MD, MSc; Vinod H. Thourani, MD; Robert A. Guyton, MD; Omar M. Lattouf, MD, PhD; Edward Chen, MD; Bradley Leshnower, MD; Michael E. Halkos, MD. *Emory University, Atlanta, GA.*

Impact of Procedural Volume of Complex Adult Mitral Valve Surgery on the Surgical Outcomes in a Community Hospital PP172 - W
Vladimir Birjiniuk, MD; Bader E. Hussaini, MD, MPH; Barbara A. Rhodes, PA; Patrick R. Treanor; Peter R. Maggs, MD. *Mount Auburn Hospital, Cambridge, MA.*

In Vitro Comparison of Clinically-Relevant Physical Characteristics of Commercially Available Surgical Sealants PP173 - W
Pierre Theodore, MD; Pete Davis, PhD. *Neomend, Inc., Irvine, CA.*

Long-Term Survival and Racial Disparities in Dialysis and Non-dialysis Patients Undergoing Cardiac Surgery PP174 - W
Catherine A. Gouge, MSc; Sarim Akbar; Alan P. Kypson, MD; Curtis Anderson, MD; Linda Kindell, RN; Jimmy T. Efird, MSc, PhD; T. Bruce Ferguson, Jr., MD; W. Randolph Chitwood, Jr., MD; Evelio Rodriguez, MD. *East Carolina Heart Institute, Greenville, NC.*

Perioperative Outcomes in High Risk Patients Undergoing Surgical Aortic Valve Replacement: A Single Center Report PP175 - W
Paul L. Linsky, MD; Jaimin R. Trivedi, MD, MPH; Brian L. Ganzel, MD; Sebastian Pagni, MD; Mark S. Slaughter, MD; Matthew L. Williams, MD. *University of Louisville, Louisville, KY.*

Robotic Postganglionic Thoracic Sympathectomy for Upper Extremity Hyperhidrosis PP176 - W
Hans Coveliers, MD; Mark Meyer, MD; Barbara Tempesta, NP; Eric Strother, CSA; Marc Margolis, MD; Farid Gharagozloo, MD. *Washington Institute of Thoracic and Cardiovascular Surgery at George Washington University Medical Center, Washington, DC.*

Robotic Transthoracic First Rib Resection for Paget-Schroetter Disease: A Case Series of the Early Experience PP177 - W
Mark Meyer, MD; Farid Gharagozloo, MD; Barbara Tempesta, NP; Srinu Tummala, MD; Marc Margolis, MD; Richard F. Neville, MD; Eric Strother, CSA. *Washington Institute of Thoracic and Cardiovascular Surgery at George Washington University Medical Center, Washington, DC.*

Robotic Video-Assisted Segmentectomy PP178 - W
Mark Meyer, MD; Farid Gharagozloo, MD; Marc Margolis, MD; Barbara Tempesta, NP; Eric Strother, CSA. *Washington Institute of Thoracic and Cardiovascular Surgery at George Washington University Medical Center, Washington, DC.*

Safety and Efficacy of Surgical Embolectomy for Massive and Submassive Pulmonary Embolism

PP179 - W

Juan A. Crestanello, MD, FACS; Ryan Mallory; Chittoor Sai-Sudhakar, MD; Michael Firstenberg, MD; John Sirak, MD; Ahmet Kilic, MD; Robert Higgins, MD, FACS. *The Ohio State University, Columbus, OH.*

TEVAR Is Superior to Open Approach for Blunt Aortic Injury

PP180 - W

Royce Calhoun, MD, FACS; Stephanie C. Mayberg, PA-C; John Laird, MD; J. Nilas Young, MD, FACS. *University of California, Davis, Sacramento, CA.*

Video-Assisted Thoracoscopic Surgery (VATS) in the Treatment of Traumatic Hemothorax

PP181 - W

Harmik J. Soukiasian, MD, FACS; Robert McKenna, MD; Daniel Shouhed, MD; Peter Wurnig, MD. *Cedars-Sinai Medical Center, Los Angeles, CA.*

Who Utilizes Thorascopic Techniques for Non-resective Non-cardiac Thoracic Surgery in US Academic Centers?

PP182 - W

Hasan Khashwji; David H. Wisner, MD, FACS; David T. Cooke, MD, FACS. *University of California, Davis Medical Center, Sacramento, CA.*

Colon and Rectal Surgery

A Decade of Evolution of Colorectal Surgery in the Laparoscopic Era. Definition of Procedure-Specific Learning Curves in Relation to the Complexity of the Procedures.

PP128 - T

Alessandro Fichera, MD, FACS, FASCRS; Marco Zoccali, MD; Roberto Gullo, MD; Konstantin Umanskiy, MD; Mukta Katdare Krane, MD; Roger D. Hurst, MD, FACS. *University of Chicago, Chicago, IL.*

A Fast-Track Pathway for Minimally Invasive Colorectal Surgery with and without Alvimopan (Entereg), Which Is More Cost Effective?

PP129 - T

Scott R. Kelley, MD; Bruce G. Wolff, MD, FACS, FASCRS; Jenna K. Lovely, PharmD, RPh; David W. Larson, MD, FACS, FASCRS. *Mayo Clinic, Rochester, MN.*

A Hyaluronic Acid-Carboxymethylcellulose Barrier Prevents Postoperative Adhesions but Does Not Reduce the Incidence of Small Bowel Obstruction after Ileal Pouch-Anal Anastomosis

PP130 - T

Michael R. Cassidy, MD; Lauren Howard, MPH; Jennifer Coukos; Holly K. Sheldon, MD; Melanie L. Gainsbury, MD; Arthur F. Stucchi, PhD; James M. Becker, MD, FACS. *Boston University Medical Center, Boston, MA.*

ACS NSQIP® Evaluation of Practice Patterns and Outcomes following Surgery for Anorectal Abscess and Fistula in Patients with and without Crohn's Disease

PP131 - T

Marlin W. Causey, MD; Scott R. Steele, MD. *Madigan Healthcare System, Tacoma, WA.*

Aberrant Drainage of Sentinel Lymph Nodes in Colon Cancer and Its Impact on Staging and Extent of Operation

PP132 - T

Sukamal Saha, MD, FACS, FRCSC; Gregory R. Johnston, DO; Mohammed Kanaan, MD; Mohammed Shaik, MD; Rebecca Johnston, RN; Balvant Ganatra, MD; Sunil Kaushal, MD; David Desai, MD; Mohamed El-Fakharany, MD. *McLaren Regional Medical Center, Flint, MI.*

Anatomy of Anal Sphincter Complex:

Surgeons' Opinions from Nine Countries

PP133 - T

Songphol Malakorn, MD; Chuchee Sahakitrungruang, MD; Worawit Wanitsuan, MD; Arun Rojanasakul, MD. *King Chulalongkorn Memorial Hospital, Chulalongkorn University, Bangkok, Thailand.*

Coffee after Laparoscopic Colon Resection:

A Prospective, Randomized Clinical Trial Evaluating Impact on Gastrointestinal (GI) Recovery

PP134 - T

Karim Alavi, MD, MPH, FACS; J. Andres Cervera-Servin, MD; W. Brian Sweeney, MD, FACS, FASCRS; Paul Sturrock, MD; Charles Psosinos; Justin A. Maykel, MD, FACS, FASCRS. *University of Massachusetts, Worcester, MA.*

Colorectal Peritoneal Carcinomatosis Treated by Complete Surgery + Systemic Chemotherapy: Futility of Hyperthermic Peritoneal Chemotherapy?

PP135 - T

Serge Evrard, MD, PhD; Camille Maziere, MD; Véronique Brouste, PhD; Grégoire Desolneux, MD; Marianne Fonck, MD; Dominique Bechade, MD; Yves Becouarn, MD. *Institut Bergonié, Bordeaux, France.*

Colorectal Surgery in HIV and AIDS Patients:

Trends and Outcomes over a Six-Year Period

PP136 - T

Wissam J. Halabi, MD; Celeste Y. Kang, MD; Obaid Chaudhry, MD; Vinh Nguyen, PhD; Alessio Pigazzi, MD, PhD; Joseph C. Carmichael, MD; Michael J. Stamos, MD, FACS; Steven D. Mills, MD, FACS. *University of California Irvine, Orange, CA.*

Comparative Study between Intracorporeal and Extracorporeal Anastomoses in Right Hemicolectomy

PP137 - T

Morris E. Franklin, FACS(Hon). *Texas Endosurgery Institute, San Antonio, TX.*

Comparison of Laparoscopic and Open Total Proctocolectomy with Ileal Pouch -Anal

Anastomosis for Treatment of Ulcerative Colitis:

Outcomes from a National Database

PP138 - T

Bala Ramanan, MB, BS; Prateek K. Gupta, MD; Abhishek Sundaram, MB, BS; Tommy H. Lee, MD; Kalyana C. Nandipati, MD; Robert J. Fitzgibbons, Jr., MD, FACS. *Creighton University, Omaha, NE.*

Comparison of Quality of Life in Patients with Perineal and Abdominal Colostomy after Abdomino-Perineal Resection for Rectal Cancer

PP139 - T

Janaina Z. De Oliveira, RN; Olusegun O. Komolafe, BSc(Hons), MB, BCh, FRCSG; Armando G. Melani, MD; Maria S. Nascimento, MD. *Barretos Cancer Hospital, Barretos, Brazil.*

Comparison of Two Abdominoperineal Resection (APR) Techniques: Robotic Intra-abdominal Levator Transection (RILT) vs. Standard Robotic APR PP140 - T
Slawomir J. Marecik, MD, FACS; Vamsi R. Velchuru, MD, FRCS; Marek Zawadzki, MD; Saeed Albalawi, MD; John Park, MD, FACS, FASCRS; Herand Abcarian, MD, FACS, FASCRS; Leela M. Prasad, MD, FACS, FASCRS. *University of Illinois at Chicago, Chicago, IL.*

Contribution of Clinical, Histologic and Genetic Markers to Staging of Colon Cancer: A Data-Driven Approach PP141 - T
Elena A. Manilich, PhD; Ian Lavery, MD, FASCRS; Anton A. Mandrov; Feza H. Remzi, MD, FASCRS. *Cleveland Clinic, Cleveland, OH.*

Crohn's Disease and Ulcerative Colitis Show Characteristic Cytokine Profiles PP142 - T
Zoltan H. Nemeth, MD, PhD; Juan J. Lujan, MD; Patricia Barratt-Stopper, RN, MSN, APN-C; Rolando H. Rolandelli, MD, FACS. *Morristown Medical Center, Morristown, NJ.*

Developing Both Laparoscopic and Robotic Skills Simultaneously Provides Acceptable Outcomes in Rectal Surgery and Might Be a Viable Approach to Minimally Invasive Surgery for Surgeons Who Primarily Trained in Open Colorectal Surgery: Analysis of Periopera P143 - T
George Melich, MD; Byung-Soh Min, MD; Hyuk Hur, MD; Seung H. Baik, MD; Nam K. Kim, MD. *Yonsei University College of Medicine, Seoul, South Korea.*

Dissection Techniques for Single Incision Laparoscopic Right Colectomy PP144 - T
Makoto Watanabe, MD, PhD; Masahiko Murakami, MD, PhD; Toru Onaka, MD, PhD; Takeshi Aoki, MD, PhD; Takashi Kato, MD, PhD. *Showa University School of Medicine, Tokyo, Japan.*

Diverticular Disease Complicated with Colovesical Fistula: Laparoscopic versus Robotic Management PP145 - T
Victor Maciel, MD; Henry J. Lujan, MD, FACS, FASCRS; Marianna S. Zeichen, MD; Wilmer N. Mata, MD; Gustavo Plasencia, MD, FACS, FASCRS; Irving Jorge, MD; Dustin Lee, DO; Manuel Viamonte III, MD, FACS, FASCRS; Rene Hartmann, MD, FACS, FASCRS. *Miami International Surgical Services at Jackson South Community Hospital, Miami, FL.*

Effects of Neoadjuvant Chemoradiation Therapy on Anorectal Function in Rectal Cancer Patients PP146 - T
Sooho Lee, MD; Kye Bong-Hyeon, MD; Kim Hyung-Jin, MD, PhD; Lee N. Sook, RN; Cho Hyeon-Min, MD, PhD. *St. Vincent's Hospital, The Catholic University of Korea, Suwon, South Korea.*

Evaluation of the GI Tract Prior to Colectomy for Constipation: Does the Wireless Motility Capsule Help? PP147 - T
Jorge M. Rosselli Londono, MD; Massarat Zutshi, MD, FACS; Tracy Hull, MD, FACS, FASCRS; Brooke Gurland, MD, FACS, FASCRS. *Cleveland Clinic, Cleveland, OH.*

Factors Associated with Lymph Node Yield in Patients Undergoing Oncologic Surgery for Rectal Cancer PP148 - T
Christos Georgiades, MD; Vassilios Komborozos, MD, PhD, FACS; Georgia Paraskevaki, MD; Panagiotis Patrikakos, MD; Georgios Kolovelonis, MD; Athanasios Skordas, MD; Theodoros Mavromatis, MD, PhD. *Evangelismos General Hospital Of Athens, Athens, Greece.*

Impact of Reservoir Creation on Long-Term Functional Outcome and Quality of Life after Surgery for Low Rectal Cancer: A Prospective Study PP149 - T
M. S. El Muhtaseb, MB, BS, MS, FRCS; M. Zutshi, MD, FACS; Feza H. Remzi, MD, FACS, FASCRS; V. W. Fazio, MD, FACS, FASCRS. *Department of Colorectal Surgery Cleveland Clinic Foundation, Cleveland, OH.*

Impact of Stress Dose Steroid Administration on the Outcomes of Restorative Proctocolectomy with Ileal Pouch Anal Anastomosis (IPAA) in Patients with Ulcerative Colitis PP150 - T
Erman Aytac, MD; Jorge M. Rosselli Londono, MD; Hasan H. Erem, MD; Jon D. Vogel, MD; Meagan M. Costedio, MD. *Cleveland Clinic Digestive Disease Institute, Cleveland, OH.*

Is the Laparoscopic Approach Feasible for Chronic Sigmoid Diverticulitis with Fistula? PP151 - T
Mohammad A. Abbass, MD; Anna Tsay, NP; Maher A. Abbas, MD, FACS, FASCRS. *Kaiser Permanente, Los Angeles, CA.*

Is the Transanal Tube Placement Effective for Prevention of Anastomotic Leakage after Low Anterior Resection in Rectal Cancer? PP152 - T
Eiji Hidaka, MD, PhD; Fumio Ishida, MD, PhD; Shungo Endo, MD, PhD; Kenta Nakahara, MD; Daisuke Takayanagi, MD; Tomokatsu Omoto, MD; Yusuke Takehara, MD; Shumpei Mukai, MD; Jun-ichi Tanaka, MD, PhD, FACS; Shin-ichi Kudo, MD, PhD. *Showa University Northern Yokohama Hospital, Yokohama, Japan.*

Laparoscopic Colon Surgery in the Urgent Setting PP153 - T
Celeste Y. Kang, MD; Mehran D. Jafari, MD; Wissam J. Halabi, MD; Obaid Chaudhry, MD; Ruihong Luo, MD; Alessio Pigazzi, MD; Joseph C. Carmichael, MD, FACS; Michael J. Stamos, MD, FACS; Steven D. Mills, MD, FACS. *University of California Irvine, Orange, CA.*

Laparoscopic Management of Bowel Obstruction, the All-Inclusive Approach, Improves Outcomes PP154 - T
Morris E. Franklin, FACS(Hon). *Texas Endosurgery Institute, San Antonio, TX.*

Laparoscopic vs. Open Restorative Proctocolectomy with Ileal Pouch Anal Anastomosis in Colorectal Cancer Patients: A Cohort Study PP155 - T
Xianrui Wu, MD; Emre Gorgun, MD; Erman Aytac, MD; Bo Shen, MD; Feza Remzi, MD. *The Cleveland Clinic Foundation, Cleveland, OH.*

Local Excision after Neoadjuvant Chemoradiotherapy in ypT0 Rectal Cancer Is Safe?

PP156 - T

SooHo Lee, MD; Kye Bong-Hyeon, MD; Kim Hyung-Jin, MD, PhD; Cho Hyeon-Min, MD, PhD; Oh Seong-Taek, MD, PhD; Kim Jun-Gi, MD, PhD. *St. Vincent's Hospital, The Catholic University of Korea, Suwon, South Korea.*

Long-Term Outcome of Endoscopic Stenting for Benign and Malignant Colorectal Disease

PP157 - T

Ethan M. Ross, MD; Maher A. Abbas, MD, FACS, FASCRS. *Kaiser Permanente, Los Angeles, CA.*

Long-Term Results of Rectal Prolapse Repair: Which Operative Repair Is Associated with Higher Likelihood of Reoperation?

PP158 - T

Rocco Ricciardi, MD, MPH, FACS; Patricia Roberts, MD, FACS; Peter W. Marcello, MD, FACS; Jason F. Hall, MD, MPH, FACS; Thomas E. Read, MD, FACS; David Schoetz, MD, FACS. *Lahey Clinic, Burlington, MA.*

Magnetic Resonance Accurately Differentiates Bowel Fibrosis from Acute Inflammation and Identifies Extraluminal Complications (with or without GI contrast) in Patients with Inflammatory Bowel Disease

PP159 - T

Jeremy G. Fisher, MD; Bobby Kalb, MD; Tanvi Dhere, MD; Diego Martin, MD; John R Galloway, MD; Jahnnavi Srinivasan, MD. *Emory University, Atlanta, GA.*

Management of 480 Consecutive Obese Patients with Chronic Pilonidal Sinus: A 10-Year Experience

PP160 - T

Mahmoud F. Sakr, MD, PhD, FACS; Hossam M. Hamed, MD, MRCS; Mohammad A. Ramadan, MD, PhD, MRCS; Hisham E. Kantoush, MD, MRCS; Hisham M. Al-Torky, MD, MRCS. *Faculty of Medicine, University of Alexandria, Alexandria, Egypt.*

Morbidity Associated with Robotic Colorectal Surgery—Review of 230 Cases and Lessons Learned

PP161 - T

Marek Zawadzki, MD; Slavi Marecik, MD, FACS, FASCRS; Vamsi R. Velchuru, MD, FRCS; Saeed Albalawi, MD; Shahida Bibi, MD; John Park, MD, FACS, FASCRS; Herand Abcarian, MD, FACS, FASCRS; Leela M. Prasad, MD, FACS, FASCRS. *University of Illinois at Chicago, Chicago, IL.*

Multidisciplinary Team Approach to Rectal Cancer Patients at 16 U.S. Centers: Fact or Fiction? A Report from the Consortium to Optimize Surgical Treatment of Rectal Cancer (OSTRiCh)

PP162 - T

David Dietz, MD; John Monson, MD; James Fleshman, MD; David Rothenberger, MD; Feza Remzi, MD; Steven D. Wexner, MD. *Consortium to Optimize Surgical Treatment of Rectal Cancer (OSTRiCh), Cleveland, OH.*

Negative Pressure Wound Therapy (NPWT) in Closed Class II Incisions: A Pilot Study

PP163 - T

Reshma Brahmbhatt, MD; Linda T. Li, MD; Jennifer M. Moffett, MD; Avellaneda A. Andres, MD; Stephanie C. Hicks; Samir S. Awad, MD, FACS; David H. Berger, MD, FACS; Mike K. Liang, MD, FACS. *Baylor College of Medicine, Houston, TX.*

Omentectomy in Colorectal Resection: Does It Affect Complications?

PP164 - T

Michael L. Campbell, MD; Stephanie L. Willet; Jaime E. Sanchez, MD; Sowsan H. Rasheid, MD; Jorge E. Marcet, MD. *University of South Florida, Tampa, FL.*

Outcomes of Robotic Rectal Cancer Surgery in the Obese!

PP165 - T

Vamsi R. Velchuru, MD, FRCS; Slawomir J. Marecik, MD; Marek Zawadzki, MD; Gopichand Threepuraneni, MD; Saeed Albalawi, MD; Shahida Bibi, MD; John Park, MD, FACS, FASCRS; Herand Abcarian, MD, FACS, FASCRS; Leela M. Prasad, MD, FACS, FASCRS. *University of Illinois at Chicago, Chicago, IL.*

Perioperative Outcome of Hand-Assisted Compare with Total Laparoscopic Surgery for Rectal Cancer

PP166 - T

Pornthep Prathanvanich, MD. *Taksin Hospital, Bangkok, Thailand.*

Prognostic Significance of Preoperative Nutritional Index in Colorectal Cancer

PP167 - T

Yasuhiko Mohri, MD, PhD; Okugawa Yoshinaga, MD, PhD; Kawamoto Aya, MD, PhD; Hiro Junichirou, MD, PhD; Kobayashi Minako, MD, PhD; Toiyama Yuji, MD, PhD; Tanaka Koji, MD, PhD; Inoue Yasuhiro, MD, PhD; Kusunoki Masato, MD, PhD. *Mie University Graduate School of Medicine, Tsu, Japan.*

Randomized Comparison of Two Hemorrhoidopexy Staplers: Preliminary Results of an Ongoing Trial

PP168 - T

Jorge E. Marcet, MD, FACS, FASCRS; David Rivadeneira, MD; Andrea Ferrara, MD; Jose Erbella, MD; Harry T. Papaconstantinou, MD; Zuri Murrell, MD; Jaime E. Sanchez, MD. *University of South Florida, Tampa, FL.*

Robotic vs. Laparoscopic Surgery for Rectal Cancer: Recent Experience and Short Term Outcomes

PP169 - T

Juan C. Murillo, MD; Henry J. Lujan, MD, FACS, FASCRS; Alfredo E. Burgos, MD; Andres F. Molano, MD; Gustavo Plasencia, MD, FACS, FASCRS; Manuel Viamonte III, MD, FACS, FASCRS. *Jackson South Community Hospital, Miami, FL.*

Sacral Neuromodulation in the Treatment of Idiopathic Constipation: Six Years Follow Up

P170 - T

Gabriella Giarratano, MD; Alessandro Stazi, MD; Christian Ghini, MD; Claudio Toscana, MD; Pierino Lucarelli, MD. *Casa di Cura Madonna delle Grazie, Velletri, Italy.*

Single Port vs Standard Laparoscopic Right Colectomy: Results of a Case Match Study on 100 Patients

PP171 - T

Luigi Boni, MD, FACS; Elisa Cassinotti, MD; Luisa Giarvarini, MD; Silvia M. Tenconi, MD; Matteo Di Giuseppe, MD; Fabrizio Cantore, MD; Elisabetta Colombo, MD; Carlo M. Rosati, MD. *University of Insubria, Varese, Italy.*

Stapled Transanal Rectal Resection with the CCS-30 Contour Transtar for Obstructed Defecation Syndrome: A Multicenter Study

PP172 - T

Gabriella Giarratano, MD; Alessandro Stazi, MD; Claudio Toscana, MD; Bruno Masci, MD; Angelo Caviglia, MD. *Casa di Cura Madonna delle Grazie, Velletri, Italy.*

Surveillance with Office-Based Anoscopy Prevents Progression of Anal Intraepithelial Neoplasia to Invasive Cancer in High-Risk Males

PP173 - T

Satyadeep Bhattacharya, MD; Joseph J. Coury, MD; Laura Kogelman, MD; Alan W. Hackford, MD, FACS, FASCRS. *St. Elizabeth's Medical Center, Boston, MA.*

The Chicago Colorectal Cancer Consortium (CCCC) Experience: Understanding Colorectal Cancer Disparities

PP174 - T

Vivek Chaudhry, MB, BS, FACS, FASCRS; Rosa Xicola, PhD; Jacqueline Harrison, MD, FACS, FASCRS; Jose Cintron, MD, FACS, FASCRS; Jennifer Blumetti, MD; Cenk Pusatcioglu; Victoria Angelova, MD; Herand Abcarian, MD, FACS, FASCRS; Nathan Ellis, PhD; Xavier Llor, MD, PhD. *University of Illinois, Chicago, IL.*

The Effect of Preoperative Chemoradiotherapy on Lymph Nodes Harvested in Laparoscopic TME for Rectal Cancer

PP175 - T

Stefano Scabini, MD; Edoardo Rimini, MD; Andrea Massobrio, MD; Emanuele Romairone, MD; Luisito De Marini, MD; Valter Ferrando, MD. *Unit of Surgical Oncology, Genoa, Italy.*

The Efficiency and Feasibility of Neoadjuvant Chemotherapy for Locally Advanced Rectal Cancer: Multi-institutional Retrospective Cohort Study

PP176 - T

Suguru Hasegawa, MD, FACS; Matsumoto Takuya, MD; Yamada Masahiro, MD; Okoshi Kae, MD; Kawada Kenji, MD; Yamanokuchi Satoshi, MD; Yamaguchi Takashi, MD; Nomura Akinari, MD; Kawamura Junnichi, MD; Sakai Yoshiharu, MD, FACS. *Kyoto University Colorectal Cancer Study Group, Kyoto, Japan.*

To Lap or Not to Lap ... A Comparative Study in Surgical Resection for Crohn's Disease

PP177 - T

Hugo Santos-Sousa, MD; André Gonçalves, MD; Tiago Bouça-Machado, MD; Elisabete Barbosa, MD; Luís Malheiro, MD; Francisco Monteiro, MD; Pedro Correia-da-Silva, MD; José Costa-Maia, MD, FACS. *Centro Hospitalar de São João—University of Porto Medical School, Porto, Portugal.*

Total Colectomy for Clostridium Difficile Colitis: Nationwide Trends and Predictors of Mortality

PP178 - T

Wissam J. Halabi, MD; Celeste Y. Kang, MD; Obaid Chaudhry, MD; Vinh Nguyen, PhD; Alessio Pigazzi, MD, PhD; Joseph C. Carmichael, MD; Michael J. Stamos, MD, FACS; Steven D. Mills, MD, FACS. *University of California Irvine, Orange, CA.*

Unchanging Survival of Colorectal Cancer in Crohn's Colitis: A Retrospective Review from Two Different Generations

PP179 - T

Maria Widmar, MD; Alexander J. Greenstein, MD; Rachel M. Gregory; David B. Sachar, MD, FACP; Noam Harpaz, MD, PhD; Joel J. Bauer, MD, FACS; Adrian J. Greenstein, MD, FACS, FRCS. *Mount Sinai School of Medicine, New York, NY.*

When Do You Perform the Reversal of Diverting Stoma after Rectal Cancer Surgery?

PP180 - T

Soohe Lee, MD; Kye Bong-Hyeon, MD; Kim Hyung-Jin, MD, PhD; Cho Seung Hyun, RN; Lee N. Sook, RN; Cho Hyeon-Min, MD, PhD. *St. Vincent's Hospital, The Catholic University of Korea, Suwon, South Korea.*

Endocrine Surgery

Classic Hyperparathyroidism Is Associated with Poorer Outcomes—Even after Parathyroidectomy

PP128 - M

Lewis Moss; Sebastian Perez; Jeff Weaver; Collin J Weber, MD; Jyotirmay Sharma, MD. *Emory University, Atlanta, GA.*

Outpatient Parathyroidectomy in the Elderly: A Prospective Study in 2,500 Consecutive Patients over Age 70

PP129 - M

James Norman, MD, FACS; Jose Lopez, MD, FACS; Douglas Politz, MD, FACS. *Norman Parathyroid Center, Tampa, FL.*

Patient Attitudes towards Transaxillary Robot Assisted Thyroidectomy

PP130 - M

Dimitrios Linos, MD, FACS; Andreas Kiriakopoulos, MD, FACS; Konstantinos P. Economopoulos, MD; Athanassios Petralias, PhD. *Hygeia Hospital, Athens, Greece.*

Reoperative Parathyroidectomy with Intraoperative Parathormone Monitoring

PP131 - M

Josefina C. Farra, MD; Bassan J. Allan, MD; Juliet Nissan; Maria Abuja-Cruz, MD; John Lew, MD, FACS. *University of Miami Miller School of Medicine, Miami, FL.*

The Prevalence of Previous and Synchronous Malignancies in Patients with Papillary Thyroid Carcinoma

PP132 - M

Sara E. Murray, MD; Rebecca S. Sippel, MD, FACS; Herbert Chen, MD, FACS. *University of Wisconsin, Madison, WI.*

The Utility of Intraoperative Parathyroid Hormone Monitoring in MEN1 Associated Primary Hyperparathyroidism Undergoing Initial Parathyroidectomy

PP133 - M

Naris Nilubol, MD, FACS; Allison B. Weisbrod, MD; Lee S. Weinstein, MD; William F. Simonds, MD; Robert T. Jensen, MD; Giao Q. Phan, MD; Marybeth S. Hughes, MD, FACS; Steven K. Libutti, MD, FACS; Stephen J. Marx, MD; Electron Kebebew, MD, FACS. *Endocrine Oncology Section, National Cancer Institute, NIH, Bethesda, MD.*

Unilateral Adrenal Hyperplasia Is Not an Infrequent Cause of Primary Hyperaldosteronism and Has Similar Clinical Presentation and Patient Outcome

PP134 - M

Allison B. Weisbrod, MD; Richard C. Webb, MD; Aarti Mathur, MD; Richard Chang, MD; Smita Baid, MD; Naris Nilubol, MD; Steven K. Libutti, MD; Constantine A. Stratakis, MD; Electron Kebebew, MD. *National Cancer Institute, National Institutes of Health, Bethesda, MD.*

Using Body Mass Index (BMI) to Predict Optimal Thyroid Dosing for Under and Overweight Patients following Thyroidectomy

PP135 - M

Kristin A. Ojomo, PA; Ngan Lai; David F. Schneider, MD; Rebecca S. Sippel, MD. *University of Wisconsin-Madison, Madison, WI.*

General Surgery

A Method for Preparing Map Red Blood Cell Concentrates with ACD-B Anticoagulated Under-Collected Units

PP167 - M

Zekuan Xu, MD; Yi Zhu, PhD; Wenbiao Liang, PhD; Jingjing Zhang, PhD; Bin Wang, PhD; Xiaofei Zhi, PhD. *First Affiliated Hospital, Nanjing Medical University, Nanjing, China.*

A New Hepatectomy-Induced Postoperative Adhesion Model in Rats and Effects of Anti-adhesion Materials

PP168 - M

Atsushi Shimizu, MD; Ito Taichi, PhD; Suhara Takashi, MS; Omichi Kiyohiko, MD; Hasegawa Kiyoshi, MD, PhD; Kokudo Norihiro, MD, PhD. *The University of Tokyo, Tokyo, Japan.*

Appendiceal Colic in Children: A True Clinical Entity

PP169 - M

Domingo T. Alvear, FACS(Hon), FICS. *Pinnacle Health System, Harrisburg, PA.*

Assessment of Tissue Integration for a Novel Self-Gripping Laparoscopic Mesh for Inguinal Hernia Repair Designed to Facilitate Deployment and Placement

PP170 - M

Xavier Bourges, PhD; Genevieve Doucet; Dagmar Guyader; Julie Lecuivre. *Covidien, Surgical Solutions Group, Trevoux, France.*

Benefits of CO2 Insufflation of Video-Assisted Thoracoscopic Esophagectomy for Esophageal Cancer with the Patient in Left Lateral Position

PP171 - M

Koji Otsuka, MD; Masahiko Murakami, MD, PhD; Satoru Goto, MD, PhD; Kentaro Motegi, MD; Yusuke Wada, MD; Takeshi Yamashita, MD; Tomotake Ariyoshi, MD, PhD; Hytham Gareer, MD; Takeshi Aoki, MD,

PhD; Takashi Kato, MD, PhD. *Showa University, Tokyo, Japan.*

Biologic Mesh Placement Does Not Alter Esophageal Stricture Formation following Circumferential Endoscopic Dissection

PP172 - M

Eric M. Pauli, MD; Yuhsin V. Wu, MD; Steve J. Scho-misch, PhD; Amitabh Chak, MD; Jeffrey L. Ponsky, MD, FACS; Jeffrey M. Marks, MD, FACS. *University Hospitals Case Medical Center, Cleveland, OH.*

Biological Mesh in Contaminated Fields—

Overuse without Data: A Surgical Conundrum

PP173 - M

Wirt W. Cross, Jr., MD; Gopal C. Kowdley, MD, PhD; Ajay Kumar, MD; Jenny L. Kessler. *Saint Agnes Hospital, Baltimore, MD.*

Breast Sonography Reports, Standardized

PP174 - M

Nageswara Mandava, MD, FACS; Martine Louis, MD, FACS; Susan St John, MD, FACS. *Flushing Hospital Medical Center, Flushing, NY.*

Camera-Only Laparoscopic Ventral Hernia Repair

PP175 - M

Anastasios Tsechpenakis, MD; Konstantinos Tsigkritis, MD, PhD, FRCS; Eleni Karafoka, MD; Bramis Konstantinos, MD; Aikaterini Kotzadimitriou, MD; Neofytos Basios, MD; Ioannis Bramis, MD, PhD. *Athens Euroclinic, Athens, Greece.*

Chemotherapy Does Not Adversely Impact Outcome of Biomaterial Mesh Post-incisional Hernia Repair (PIHR)

PP176 - M

Ponnandai S. Somasundar, MB, BS, MPH, FACS; N. Joseph Espat, MD, FACS. *Roger Williams Medical Center, Providence, RI.*

Comparative Outcomes: Complications and Costs of Grade 3/4 Ventral Hernia Repairs

PP177 - M

Michael Franz, MD, FACS; Susan E. Funk; Nancy L. Reaven. *LifeCell Corporation, Branchburg, NJ.*

Comparison of Immunologic Change between Primary Suture of Laparoscopic Common

Bile Duct Exploration and T-Tube Drainage

PP178 - M

Cao Y. Wang, MD; Yueming Sun, MD, PhD, FACS; Donglin Sun, MD, PhD; Xuemin Chen, MD. *The Third Affiliated Hospital of Suchou University, Changzhou, China.*

Complex Abdominal Wall Reconstruction (CAWR) with Permacol™: What Have We Learned?

PP179 - M

Bipan Chand, MD, FACS; Matthew Indeck, MD, FACS; Bradley J. Needleman, MD, FACS; M. Finnegan, MD; Kent Van Sickle, MD; Bryn Ystgaard, FRCS; Mike Bradburn, MD, FRCS; Rupert Pullan, FRCS; Aileen McKinley, MB, BCh, FRCS; Ian Daniels, FRCS. *Cleveland Clinic, Cleveland, OH.*

Correlation of Inflammatory Markers (C Reactive Protein, Neutrophilia and Leukocytosis) in Different Phases of Acute Appendicitis

PP180 - M

Gustavo A. Aguirre Bermúdez, MD; Andres Falla, MD; William Sanchez, MD, FACS. *Hospital Militar Central, Bogota, Colombia.*

Cure of Primary Hyperparathyroidism Ameliorates Symptoms of GERD

PP181 - M

Douglas Politz, MD, FACS; Samuel Lagos; Jose Lopez, MD, FACS; James Norman, MD, FACS. *Norman Parathyroid Center, Tampa, FL.*

Development of Bioabsorbable Sheets Aimed at a Closure following the NOTES Transluminal Procedure

PP182 - M

Mitsuo Miyazawa, MD, PhD, FACS; Masayasu Aikawa, MD, PhD; Katsuya Okada, MD; Kojun Okamoto, MD; Shigeki Yamaguchi, MD, PhD; Isamu Koyama, MD, PhD. *Saitama Medical University International Medical Center, Hidaka-shi, Japan.*

Epithelial Mesenchymal Transition Correlates with CD24+CD44+ and CD133+ Cells in Pancreatic Cancer

PP183 - M

Jishu Wei, PhD; Ye Zhang, PhD; Hui Wang; Xiaofeng Xue, PhD. *Department of Surgery, The First Affiliated Hospital of Nanjing Medical Unit, Nanjing, China.*

Esophageal Perforations: Review of Outcomes from a Single-Institution Series

PP184 - M

Hugo Santos-Sousa, MD; Tiago Bouça-Machado, MD; André Gonçalves, MD; John Preto, MD; António Gouveia, MD, PhD; José Barbosa, MD, PhD; José Costa-Maia, MD, FACS. *Centro Hospitalar de São João -University of Porto Medical School, Porto, Portugal.*

Esophageal Stents Delay, but Do Not Prevent, Stricture Formation following Circumferential Endoscopic Submucosal Dissection in a Porcine Model

PP185 - M

Eric M. Pauli, MD; Yuhsin V. Wu, MD; Steve J. Schomisch, PhD; Amitabh Chak, MD; Jeffrey L. Ponsky, MD, FACS; Jeffrey M. Marks, MD, FACS. *University Hospitals Case Medical Center, Cleveland, OH.*

Factors Causing Abdominal Complications in Primary Colorrhaphy for Colonic Trauma

PP186 - M

Luis M. Garcia-Núñez, MD, FACS; Jose A. Arciniega-Hernandez, MD; Carlos E. Rodriguez-Vega, MD; Marco A. Carreño-Lomeli, MD; Cesar T. Rocha-Puente, MD; Edgar F. Hernandez-Garcia, MD; Jose A. Calderon-Rodriguez, MD; Luis F. Moreno-Delgado, MD. *Military Central Hospital, Mexico City, Mexico.*

Fibromodulin Induces Angiogenesis during Cutaneous Wound Healing

PP187 - M

Jia Jian, PhD; Zhong Zheng, PhD; Ching Yun Hsu, BDS; Janette N. Zara, MD; Joyce Wang, MD; Narineh Oha-

nian; Dwarak Reddy Enjamuri; Xinli Zhang, MD, PhD; Kang Ting, DMD, DMedSci; Chia Soo, MD. *University of California, Los Angeles, Los Angeles, CA.*

Gail Risk Score Can Be Used in Determining the Risk of Breast Cancer in Turkish Women?

PP188 - M

Oner Menten, MD; Zafer Kilbas, MD; Ramazan Yildiz, MD; Mustafa Tanriseven, MD; Mujdat Balkan, MD; Erkan Ozturk, MD; Semih Gorgulu, MD; Saadettin Cetiner, MD. *Gulhane Military Medical Academy, Ankara, Turkey.*

Gastropexy as an Option during Repair of Large Paraesophageal Hernias: Comparison to Nissen Fundoplication

PP189 - M

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HIDA Confirmation of Cholecystitis: Is It Necessary for Diagnosis?

PP190 - M

Stancie C. Rhodes, MD; Michael Mazzei; Aitor Macias, MD; Christopher J. Nani; Vicente H. Gracias, MD, FACS. *Robert Wood Johnson Medical School, New Brunswick, NJ.*

HIV Epidemiology of Surgical Patients at Kamuzu Central Hospital, an Urban Tertiary Care Referral Hospital in Lilongwe, Malawi

PP191 - M

Bryce Haac; Mitch Matoga, MB, BS; Sylvia M. LaCourse, MD; Arturo P. Muyco, MD; Irving F. Hoffman, PA, MPH; Carol G. Shores, MD, PhD; Mina C. Hoseinipour, MD, MPH; Anthony G. Charles, MD, MPH. *UNC Project-Malawi, Lilongwe, Malawi.*

Impact of Blood Conservation Program on Thirty-Day Morbidity and Mortality: A Cohort Study

PP192 - M

Bala Ramanan, MB, BS; Tammy L. Burns, PharmD; Jeffrey T. Sugimoto, MD; R. Armour Forse, MD, PhD. *Creighton University, Omaha, NE.*

Incidence and Risk Factors for Urinary Retention following Laparoscopic Inguinal Hernia Repair

PP193 - M

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Incisional Hernia following Stoma Reversal: A Call for Prevention

PP194 - M

Jennifer M. Moffett, MD; Andres A. Avellaneda, MD; Stephanie C. Hicks; Anuradha Subramanian, MD, FACS; Samir S. Awad, MD, FACS; Mike K. Liang, MD. *Michael E. DeBakey VAMC, Baylor College of Medicine, Houston, TX.*

Korean Experience of a Delta-Shaped Anastomosis after Totally Laparoscopic Distal Gstrectomy PP195 - M
Eun-Young Kim, MD; Jeong-Sun Lee, MD; Jin-Jo Kim, MD; Seung-Man Park, MD, PhD. *Catholic University Of Korea, Incheon, Korea (South).*

Laparoscopic Closure of Hiatal Defects Using Biologic Mesh: A Lasting Repair? PP196 - M
Gary B. Deutsch, MD, MPH; Sandeep Anantha Sathy-anarayana, MD; Amie Kraus, MD; Meredith Akerman, MS; Gary Gecelter, MD, FACS; Eugene Rubach, MD, FACS. *North Shore University Hospital, Manhasset, NY.*

Laparoscopic Magnetic Needle Retrieval Device: Development and Feasibility in a Porcine Model PP197 - M
Alexander C. Small; Richard E. Link, MD, PhD; Daniel M. Gainsburg, MD; Michael A. Palese, MD. *Mount Sinai School of Medicine, New York, NY.*

Laparoscopy for Management of Nontraumatic Acute Abdomen PP198 - M
Adrian Cotirlet, MD, PhD; Ionut Motoc, MD; Adrian Marius Nedelcu, MD. *Emergency Hospital Moinești, Moinești, Romania.*

Laparoscopy Only Decreases Superficial Surgical Site Infection in Abdominal Surgery PP199 - M
Alvaro Sanabria, MD, PhD, FACS; Valentin Vega, MD; Luis Dominguez, MD; Erick Espitia, MD; Adriana Serna, MD; Camilo Osorio, MD. *Universidad de La Sabana, Chia, Colombia.*

Laparoscopy vs. Open Splenectomy in Patients with Severe Thrombocytopenia PP200 - M
Ali Ardestani, MD; Stanley W. Ashley, MD, FACS; Ali Tavakkolizadeh, MB, BS, FACS, FRCS. *Brigham and Women's Hospital, Boston, MA.*

Leukopenia in Patients Undergoing Elective Colectomy PP201 - M
Ali Ardestani, MD; Stanley W. Ashley, MD, FACS; Ali Tavakkolizadeh, MB, BS, FACS, FRCS. *Brigham and Women's Hospital, Boston, MA.*

Need to Revise the Ranson's Criteria PP202 - M
Steven M. Cohen, DO; Andrew Nguyen, MD; Nabeel Obeid, MD; Raghavendra Rao, MD; Christopher Grafeo; Darren Bryk; Mohamad Abouzeid, MD; Kenneth M. Rifkind, MD; Howard Liang, MD; H. Leon Pachter, MD. *New York University School of Medicine, New York, NY.*

Paradigm Shift: Laparoscopy the New Gold Standard for Bilateral Inguinal Hernia Repair PP203 - M
Aaron Saul Rickles, MD; James C. Iannuzzi, MD; Andrew-Paul Deeb; Fergal J. Fleming, MB, BCh, FRCS; John R. T. Monson, MD, FACS, FRCS. *University of Rochester, Rochester, NY.*

Post-cholecystectomy Diarrhea and Abdominal Pain: Long-Term Follow-up in 374 Consecutive Patients PP204 - M
Colin J. Feuille; Sarah E. Colgan; Kimbia L. Arno; Celia M. Divino, MD, FACS. *Mount Sinai School of Medicine, New York, NY.*

Predictors of Mortality and Morbidity in the Acute Care Surgery Population PP205 - M
Monisha Sudarshan, MD; Etienne St-Louis, DEC; Mostafa Al-Habboubi, MD; Xianming Tan, PhD; Dan L. Deckelbaum, MD, MPH, FRCSC; Liane Feldman, MD, FACS, FRCSC; Tarek Razek, MD, FRCSC; Kosar Khwaja, MD, FRCSC. *McGill University, Montreal, Canada.*

Prognostic Significance of Carcinoembryonic Antigen in Peritoneal Lavage in Patients with Gastric Cancer PP206 - M
Kengo Kanetaka, MD, PhD; Seiya Susumu, MD, PhD; Shinichiro Ito, MD; Kosho Yamanouchi, MD, PhD; Fumihiko Fujita, MD, PhD, FACS; Tomohiko Adachi, MD, PhD; Akihiko Soyama, MD, PhD, FACS; Mitsuhsa Takatsuki, MD, PhD; Tamotsu Kuroki, MD, PhD; Susumu Eguchi, MD, PhD, FACS. *Nagasaki University Graduate School of Biomedical Sciences, Nagasaki, Japan.*

Proposed Mechanism for Small Bowel Diverticula Perforation PP207 - M
Jae S. You; Daniel Murariu, MD, MPH; Brent Tatsuno; Patrick Pedro, MD; Michael Hayashi, MD; Gregorio Maldini, MD; John Balfour, MD. *University of Hawaii John A. Burns School of Medicine, Honolulu, HI.*

Quality of Life (QOL) after Laparoscopic Ventral Hernia Repair with a Mid-Weight Polypropylene Mesh with Oxidized Regenerated Cellulose (PPE-ORC) PP208 - M
Victor B. Tsirlina, MD; Paul D. Colavita, MD; Igor Belyansky, MD; Fernando A. Navarro, MD; Alla Y. Zemlyak, MD; Amy E. Lincourt, PhD; Ronald F. Sing, MD, FACS; B. Todd Heniford, MD, FACS. *Carolinas Medical Center, Charlotte, NC.*

Reducing Postoperative Pain in Inguinal Hernia TAPP Repair: The Role of Cyanoacrylic Adhesives PP209 - M
Isaac Baley, MD; Karla Martin-Tellez, MD; Fernando Quijano, MD, FACS; Rafael Padilla, MD, FRCSC; Angel Martinez-Munive, MD. *The American British Cowdray Medical Center, I.A.P., Mexico City, Mexico.*

Single Site Robotic Cholecystectomies (SSRC): Our Experience after 90 Cases PP214 - M
Giuseppe Spinoglio, MD; Luca Matteo Lenti, PhD; Fabio Priora, MD; Ferruccio Ravazzoni, PhD; Valeria

Maglione, MD; Alessio Licciardello, MD; Francesco Lucido, MD; Marco Lodin, MD; Raoul Quarati, MD. *SS Antonio e Biagio National Hospital, Alessandria, Italy.*

Single-Stage Open Repair of Complex Ventral Incisional Hernias Using a Synthetic Bioabsorbable Material: Initial Results of a Prospective, Multicenter Clinical Study

PP215 - M

Michael J. Rosen, MD, FACS; Alfredo Carbonell, DO; William Cobb, MD; Joel Bauer, MD; Brent D. Matthews, MD; Don Selzer, MD; Matthew Goldblatt, MD; Garth R. Jacobsen, MD; Benjamin Poulouse, MD; Camiel Rosman, MD. *Case Western Reserve University, Cleveland, OH.*

Surgery Compared to Medical Management for Secondary Hyperparathyroidism in ESRD

PP216 - M

Ioannis Konstantinidis; Malika Garg, MD; Elizabeth Lynn, MD; Vijay Lapsia, MD; Celia M. Divino, MD, FACS. *Mount Sinai School of Medicine, New York City, NY.*

Surgery for Stage IV Breast Cancer: Result of a Meta-analysis

PP217 - M

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Surgical Management of Chronic Abdominal Pain: Laparoscopy vs Laparotomy

PP218 - M

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Surgical Treatment for Gastroparesis

PP219 - M

Carlos Esquivel, MD; Carolina Ampudia, MD; Rena Moon, MD; Karan Bath, MD; Melissa Gianos, MD; Samuel Szomstein, MD, FACS; Raul J. Rosenthal, MD, FACS. *Cleveland Clinic Florida, Weston, FL.*

Toxic Epidermal Necrolysis in a Regional Burn Center: A Comparison of Two Periods

PP220 - M

Catherine N. Tchanque-Fossuo, MD; Malachy E. Asuku, MB, BS; Justin Klaff, MD; A. Reema Kar, MD; Stephen M. Milner, MB, BS, FACS; Leigh Ann Price, MD. *Johns Hopkins School of Medicine, Baltimore, MD.*

Ventral Incisional Hernia Characteristics Associated with Abdominal Wall Strength

PP221 - M

Armando Rosales-Velderrain, MD; Ross F. Goldberg, MD; Tatyana M. Clarke, MD; Mauricio A. Buchanan, RN; John A. Stauffer, MD; Horacio J. Asbun, MD, FACS; Steven P. Bowers, MD, FACS. *Mayo Clinic, Jacksonville, FL.*

Ventricular Assist Devices: New Challenges for the General Surgeon

PP222 - M

Thomas J. Lee, MD; Jerome A. Byam, MD; Mark S. Slaughter, MD; Jason W. Smith, MD, FACS; Chris Schneider, MD. *University of Louisville, Louisville, KY.*

Geriatric

An Aging Conundrum: Inguinal Hernia Repair in the Octogenarian

PP184 - W

Aaron Saul Rickles, MD; James C. Iannuzzi, MD; Andrew-Paul Deeb; Fergal J. Fleming, MB, BCh, FRCS; John R. T. Monson, MD, FACS, FRCS. *University of Rochester, Rochester, NY.*

Liver / Biliary Tract / Pancreas

18F-FDG Uptake in Hepatocellular Carcinoma:

Correlation with GLUT1 and P53 Expression

PP100 - W

José Tralhão, MD, PhD; Ana Brito, MD; Margarida Abrantes, MD; Ricardo Martins, MD; Filomena Botelho, MD, PhD; Francisco Castro-Sousa, MD, PhD, FACS. *Coimbra Medical Faculty, Coimbra, Portugal.*

Characteristic and Indication of Pure Laparoscopic Hepatectomy and Hybrid Procedure

PP101 - W

Zenichi Morise, MD, PhD. *Fujita Health University School of Medicine Banbuntane-Houtokukai Hospital, Nagoya, Japan.*

Clinical Application of Augmented Reality for Hepatobiliary and Pancreatic Surgery

PP102 - W

Shinji Onda, MD; Tomoyoshi Okamoto, MD, PhD; Masaru Kanehira, MD; Michinori Matsumoto, MD; Yasuro Futagawa, MD, PhD; Shuichi Fujioka, MD, PhD; Naoki Suzuki, PhD; Asaki Hattori, PhD; Katsuhiko Yanaga, MD, PhD. *The Jikei University Graduate School of Medicine, Minato-ku, Japan.*

Comparative Study of Early vs. Late Cholecystectomy following Endoscopic Clearance of Common Bile Duct Stones

PP103 - W

Mohan Narasimhan, MS; Mayank Gupta, MS; Srishail Chiniwalar, MS, MRCS; Sathish Kumar Ganesan, MS; Ramesh Ardhanari, MS, FRCS; Peethambaran Swaminathan, MS. *Meenakshi Mission Hospital and Research Centre, Madurai, India.*

Cytoreductive Surgery plus Hyperthermic Intraperitoneal Chemotherapy in Patients with Peritoneal Hepatocellular Carcinoma: Initial Experience of Eight Cases

PP104 - W

Parissa Tabrizian, MD; Ming-Jim Yang, MS; Ghalib Jibara, MD, MPH; Fotini Manizate, MD; Ray K. Wong, MD; Brian Shrager, MD; Spiros P. Hiotis, MD, PhD,

FACS(Hon); Myron E. Schwartz, MD, FACS(Hon); Sasan Roayaie, MD, FACS(Hon); Daniel M. Labow, MD, FACS(Hon). *Mount Sinai School of Medicine, New York, NY.*

Differentiation of Mucinous from Nonmucinous Pancreatic Cyst Fluid Using Dual-Stained, Gel Electrophoresis

PP105 - W

John M. Streitz, MD, FACS; Michael T. Madden; Wilmar L. Salo, PhD; Kirk P. Bernadino, MD; John C. Deutsch, MD. *Essentia Health/Duluth Clinic, Duluth, MN.*

Fluoroscopic Duodenal Stent Placement in Patients with Malignant Gastric Outlet Obstruction

PP106 - W

Mariano E. Gimenez, MD, PhD; Dario Berkowski, MD; Mariano Palermo, MD, FACS, PhD; Juan Pablo Cordoba, MD; Jorge Bufaliza, MD; Jorge Cardoso, MD; Alberto Ferreres, MD, PhD, FACS. *Hospital de Clinicas "Jose de San Martin" University of Buenos Aires, Buenos Aires, Argentina.*

Hepatic Resection for Primary Hepatolithiasis.

A Single-Center Western Experience

PP107 - W

Parissa Tabrizian, MD; Ghalib Jibara, MD, MPH; Brian Shrager, MD; Myron E. Schwartz, MD, FACS; Daniel M. Labow, MD, FACS; Spiros P. Hiotis, MD, PhD, FACS; Sasan Roayaie, MD, FACS. *Mount Sinai School of Medicine, New York, NY.*

Hybrid Method of Laparoscopic-Assisted Open Liver Resection through Short Upper Midline Laparotomy Can Be Applied for All Types of Hepatectomies

PP108 - W

Akihiko Soyama, MD, FACS; Mitsuhsa Takatsuki, MD; Izumi Muraoka, MD; Takanobu Hara, MD; Ayaka Kinoshita, MD; Shinichiro Ono, MD; Tomohiko Adachi, MD; Tamotsu Kuroki, MD; Susumu Eguchi, MD, FACS. *Nagasaki University Graduate School of Biomedical Sciences, Nagasaki, Japan.*

Hypermethylation of HIC1 Promoter in Chronic Pancreatitis May Contribute to Carcinogenesis of Pancreatic Cancer by Absenting the Repression of SIRT1

PP109 - W

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Impact of the 7th Editions of the TNM Classification on Klatskin Tumors

PP110 - W

Gernot M. Kaiser, MD; Georgios C. Sotiropoulos, MD, FACS; Benjamin Juntermanns, MD; Sonia Radunz, MD; Hideo A. Baba, MD; Ali Canbay, MD; Martin Schuler, MD; Guido Gerken, MD; Andreas Paul, MD. *University Hospital Essen, Essen, Germany.*

Incidental Gallbladder Cancer: Does Further Treatment Help?

PP111 - W

Rajan Saxena, MD, FACS; Jitendra Agrawal, MD; Anu Behari, MD; Rajneesh K. Singh, MD; Ashok Kumar, MD, MB, BS; Vinay K. Kapoor, MD, FACS; Anand Prakash, MD, FACS. *Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow, India.*

Indication and Characteristics of Totally Laparoscopic Hepatectomy and Laparoscopy-Assisted Hepatectomy for Malignant Liver Tumors: A Retrospective Cohort Study

PP112 - W

Osamu Itano, MD, PhD; Go Oshima, MD; Shingo Maeda, MD, PhD; Naokazu Chiba, MD, PhD; Minoru Tanabe, MD, PhD; Satoshi Aikou, MD, PhD; Yuko Kitagawa, MD, PhD, FACS. *Eiju General Hospital, Tokyo, Japan.*

Infected Pancreatic Necrosis: A Minimally Invasive Treatment by a Single Team

PP113 - W

Mariano E. Gimenez, MD, PhD; Dario Berkowski, MD; Juan Pablo Cordoba, MD; Mariano Palermo, MD, PhD, FACS; Alberto Ferreres, MD, PhD, FACS; Juan Manuel Verde, MD; Cristian Cerda, MD; Jorge Cardoso Cuneo, MD. *Hospital de Clinicas "Jose de San Martin" University of Buenos Aires, Buenos Aires, Argentina.*

Intraoperative Ablation for Small HCC Not Amenable for Percutaneous Radiofrequency Ablation in Child a Cirrhotic Patients

PP114 - W

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Inversed Expression of miR-200 and Its Target VASH2 Coordinatively Promote Epithelial-Mesenchymal Transformation (EMT) and Angiogenesis in Hepatocellular Carcinoma

PP115 - W

Wentao Gao, PhD; Xiaofeng Xue, PhD; Min Tu, PhD; Beicheng Sun, PhD; Bei Han, PhD; Jingjing Zhang; Yi Miao, MD, PhD, FACS. *The First Affiliated Hospital of Nanjing Medical University, Nanjing, China.*

Laparoscopic vs. Open Hepatectomy for Hepatocellular Carcinoma: Case-Matched Analysis

PP116 - W

Parissa Tabrizian, MD; Ghalib Jibara, MD, MPH; Rachel Schrier; Marina Krol, PhD; Myron E. Schwartz, MD, FACS(Hon); Spiros P. Hiotis, MD, PhD, FACS(Hon); Daniel M. Labow, MD, FACS(Hon); Sasan Roayaie, MD, FACS(Hon). *Mount Sinai School of Medicine, New York, NY.*

Locally Advanced Hepatocellular Carcinoma (Stage IVA): A Role for Hepatectomy? PP117 - W
Anna M. Leung, MD; Danielle Hari, MD; Connie Chiu, MD; Harrison Howard, MD; Anton J. Bilchik, MD, PhD. *John Wayne Cancer Institute, Santa Monica, CA.*

Match-Pair Analysis of Surgical and Oncological Outcome in Patients with Recurrent Colorectal Liver Metastasis PP118 - W
Soeren Torge Mees, MD; Fabian Schmidt, MD; Wolf Arif Mardin, MD; Peter Gassmann, MD; Norbert Senninger, MD, FACS. *University Hospital Muenster, Muenster, Germany.*

One-Stop Shopping for 3-Dimensional Anatomy of Hepatic Vasculature and Bile Duct with a Special Reference to Biliary Image Reconstruction PP119 - W
Mitsuo Shimada, MD, PhD, FACS; Tohru Utsunomiya, MD, FACS; Satoru Imura, MD; Yuji Morine, MD; Tetsuya Ikemoto, MD; Jun Hanaoka, MD; Tomohiko Miyatani, MD; Yu Saito, MD; Shinichiro Yamada, MD; Enkhbold Chinbold, MD. *The University of Tokushima, Tokushima, Japan.*

Pancreatectomy with Simultaneous Liver Resection: Does the Extent of Liver Resection Affect Postoperative Outcomes? PP120 - W
Pietro Addeo, MD; Oussoultzoglou Elie, MD; Edoardo Rosso, MD; Cinzia Nobili, MD; Philippe Bachellier, MD, PhD. *HBP Surgery and Liver Transplantation Center-University of Strasbourg, Strasbourg, France.*

Pancreatic Stellate Cells Derived Galectin-1 Increases the Progression of Pancreatic Cancer PP121 - W
Kui-rong Jiang, MD, PhD; Dong Tang, MD, PhD; Zhong-xu Yuan, MS; Yi Miao, MD, PhD, FACS. *The First Affiliated Hospital of Nanjing Medical University, Nanjing, China.*

Parenchymal-Preserving Pancreatectomy for Intraductal Papillary Mucinous Neoplasms PP122 - W
Timothy L. Frankel, MD; Jennifer LaFemina, MD; Michael I. D'Angelica, MD; Yuman Fong, MD; T. Peter Kingham, MD; Ronald DeMatteo, MD; Murray F. Brennan, MD; William R. Jarnagin, MD; Peter J. Allen, MD. *Memorial Sloan-Kettering Cancer Center, New York, NY.*

Retrospective Audit of Management of Patients Admitted to Intensive Care Unit (ITU) with Severe Acute Pancreatitis (SAP) PP123 - W
Omer Jalil, MB, BS, MRCS; Chirag Patel, MB, BS; Aamer Iqbal, MB, BS; Amir Kambal, MB, BS, FRCSI; Ashraf Rasheed, MB, BCh, FRCS. *Royal Gwent Hospital, Newport, United Kingdom.*

Single Incision Laparoscopic Cholecystectomy (SILC): A Comparison with the Gold Standard PP124 - W
Robert Sucher, MD; Thomas Resch, MD; Alexander Perathoner, MD; Elisabeth Laimer, MD; Johann Pratschke, MD; Reinhard Mittermair, MD. *Innsbruck Medical University, Innsbruck, Austria.*

SIRT1 Facilitates Chemoresistance of Pancreatic Cancer Cells by Regulating Adaptive Response to Chemotherapy-Induced Stress PP125 - W
Gang Zhao, MD, PhD; Wang Chunyou, MD; Zhang Jun-gang, MD. *Pancreatic Disease Institute Union Hospital, Wuhan, China.*

Solid Pseudopapillary Tumor of the Pancreas: Analysis of Clinopathological Features and Surgical Outcome in a Single Institution PP126 - W
Ahmed M. El-Gendi, MB, BCh, MRCS, PhD; Saba M. El-Gendi, MB, BCh, PhD; Mohamed A. El-Gendi, MD, PhD. *Faculty of Medicine, Alexandria University, Alexandria, Egypt.*

Solid Pseudopapillary Tumors of the Pancreas: An Updated Experience in Single Center PP127 - W
Junli Wu, MD, PhD; Zhuyin Qian, MD, PhD; Cuncai Dai, MD, PhD; Kuirong Jiang, MD, PhD; Qiang Li, MD; Wentao Gao, MD, PhD; Feng Guo, MD; Jianmin Chen, MD; Jishu Wei, MD, PhD; Yi Miao, MD, PhD, FACS. *The First Affiliated Hospital of Nanjing Medical University, Nanjing, China.*

Stage IV Colorectal Cancer with Hepatic Metastases: Simultaneous or Sequential Liver Resection during Colorectal Surgery? PP128 - W
Galal El-Gazzaz, MD; P. Ravi Kiran, MD, FACS; Federico Aucejo, MD; Cristiano Quintini, MD; Ian Lavery, MD; Charles Miller, MD, FACS. *Cleveland Clinic Foundation, Cleveland, OH.*

Stromal Cell-Derived Galectin-1 Increases the Progression of Pancreatic Cancer PP129 - W
Kui-rong Jiang, MD, PhD; Dong Tang, MD, PhD; Zhong-xu Yuan, MS; Yi Miao, MD, PhD, FACS. *The First Affiliated Hospital of Nanjing Medical University, Nanjing, China.*

Superior Mesenteric Artery First Approach (SMAF) Is the Preferred Technique for Performing Pancreaticoduodenectomy (PD) Requiring Portal/Superior Mesenteric Vein Confluence Reconstruction (PSMVR) PP130 - W
Ashraf J. Haddad, MD; Dominic Nelson; Nicholas Tapazoglou, MD; Christopher McLaughlin; Mark Fraiman, MD, FACS; Richard Mackey, MD, FACS. *St. Joseph Medical Center, Towson, MD.*

Surgical Standards for Pancreaticoduodenectomy in Germany: A National Questionnaire PP131 - W

Christina Haane, MD; Britta Schmitz, MD; Wolf Arif Mardin, MD; Norbert Senninger, MD, FACS; Christina Schleicher, MD; Soeren Torge Mees, MD. *University of Muenster, Department of General and Visceral Surgery, Muenster, Germany.*

The Effect on Outcome of Concurrent Colectomy in Patients Undergoing Pancreatectomy PP132 - W

Dylan R. Nieman, MD, PhD; Konstantinos Spaniolas, MD; James C. Iannuzzi, MD; Aaron Saul Rickles, MD; Fergal J. Fleming, MD, FRCS; Jacob Moalem, MD, FACS; Eva Galka, MD; Luke O. Schoeniger, MD, PhD, FACS. *University of Rochester Medical Center, Rochester, NY.*

The Influence of Standardized Histopathological Workup on Reporting of the Resection Margin Status in Pancreatic Head Cancer PP133 - W

Ahmed M. El-Gendi, MB, BCh, MRCS, PhD; Saba M. El-Gendi, MB, BCh, PhD. *Faculty of Medicine, Alexandria University, Alexandria, Egypt.*

Tumor Recurrence Is Independent of Pancreatic Fistula (PF) following Pancreaticoduodenectomy (PD) for Pancreatic Adenocarcinoma (PA) PP134 - W

M. M. Assifi, MD; Sarah Zhang; Ernest L. Rosato, MD, FACS; Harish Lavu, MD, FACS; Eugene P. Kennedy, MD, FACS; Charles J. Yeo, MD, FACS; Adam C. Berger, MD, FACS. *Thomas Jefferson University Hospital, Philadelphia, PA.*

Miscellaneous

Can General Surgeons Do Laparoscopic Cholecystectomies and Survive Financially? PP206 - W

Nageswara Mandava, MD, FACS; Martine Louis, MD, FACS; Brian Louie. *Flushing Hospital Medical Center, Flushing, NY.*

Cancer Profile in Eastern Rajasthan Region of India PP207 - W

Raj G. Sharma, MS, FACS, FICS; Rahul Kapoor, MB, BS, MS; Bhavesh Bang, MB, BS, MS. *SMS Medical College & Hospital, Jaipur, India.*

Current Trends in Chaperone Use by Plastic Surgeons PP208 - W

Umar Choudry, MD, FACS; Ruth J. Barta, MD; Nicholas Kim, MD; *University of Minnesota, Minneapolis, MN*

Implementation of a Surgical Safety Checklist: Exposing Communication Gaps between Surgeons and Anesthesia Providers PP209 - W

Harry T. Papaconstantinou, MD, FACS, FASCRS; Chanhee Jo, PhD; W. Roy Smythe, MD, FACS; Stephen Sibbitt, MD; Hania Wehbe-Janek, PhD. *Scott & White Memorial Hospital and Clinic, Temple, TX.*

Laparoscopic Repair of Ventral Hernia with Open Lysis of Adhesions, Resection of Hernia Sac, and Mesh Placement: Hybrid Technique with Low Risk of Bowel Injury and No Increase Risk of Wound Infection PP214 - W

Andrea Lundeen, MD; Alexander Saba, MD; Osama Hamed, MD. *Good Samaritan Hospital, Cincinnati, OH.*

Postsplenectomy Vaccination Delivery and Documentation in Combat Wounded Undergoing Global Evacuation PP215 - W

Mark O. Hardin, MD; Christopher E. White, MD, FACS(Hon); Timothy E. Wallum; David Zonies, MD, FACS(Hon); Kevin K. Chung, MD, FACS(Hon); Lorne Blackbourne, MD, FACS(Hon). *U.S. Army Institute of Surgical Research, Fort Sam Houston, TX.*

Single Incision Laparoscopy: A Safe Alternative to Conventional Laparoscopy in an Emergency Setting PP216 - W

Moshim Kukar, MB, BS; Hassan Aziz, MB, BS; Jeffrey Nicastro, MD, FACS; Harry Zemon, MD. *North Shore Long Island Jewish Health System, Manhasset, NY.*

Surgeons and Political Action Committees: An Analysis of 10 Years of Surgical Advocacy PP217 - W

Oveys Mansuri, MD. *University of Nebraska Medical Center, Omaha, NE.*

The Proportionate Mortality from Motor Vehicle Crashes in Qatar: A Tool for Prioritizing Preventive Programs and Research PP218 - W

Ruben Peralta, MD, FACS; Rafael J. Consunji, MD, MPH; Hassan Al Thani, MD, FACS, FRCS; Rifat Latifi, MD, FACS. *Hamad Medical Corporation, Doha, Qatar.*

Top Gun Laparoscopic Skills and Suturing Shoot-Out PP210-213 - M,T,W

James C. Rosser, MD, FACS. *Moorehouse School of Medicine, Atlanta, GA.*

Obstetrics and Gynecology

Burnout Prevalence among Obstetricians and Gynecologists PP100 - M

Kimberly A. Brey, MD; Carrie Wieneke, MD; Catherine Satterwhite, MSPH, MPH, PhD; Michelle Tilley, BSc(Hons). *University of Kansas Hospital, Kansas City, KS.*

Orthopaedic Surgery

The Chondroprotective Capabilities of Curcumin (Curcuma longa) and Curcumin Derivatives against IL-1-Beta and OsM-Mediated Chondrolysis PP183 - W
Neil V. Shah; Elena Katzap, DO; Matthew J. Goldstein, MD; John Schwartz; Pasquale Razzano; Lorne Golub, DMD; Francis Johnson, PhD; Robert Greenwald, MD; Daniel A. Grande, PhD. *Feinstein Institute for Medical Research, Manhasset, NY.*

Otolaryngology

Anterolateral Thigh Butterfly Free Flap Reconstruction for Peristomal Recurrence following Laryngectomy PP101 - M
Kasim Durmus, MD; Kiran Kakarala, MD; Matthew O. Old, MD; Theodoros N. Teknos, MD; Enver Ozer, MD. *The Ohio State University, Columbus, OH.*

Evaluation of Head and Neck Surgery Randomized Controlled Trials PP102 - M
Daniel A. Carlton; Alexander J. Langerman, MD. *University of Chicago, Chicago, IL.*

Supraclavicular Artery Island Flap for the Reconstruction of Laryngopharyngeal, Face and Neck Defects PP103 - M
Kiran Kakarala, MD; Kasim Durmus, MD; Matthew O. Old, MD; Enver Ozer, MD. *The Ohio State University, Columbus, OH.*

Pediatric Surgery

Molecular and Histological Characterization of Arterial and Venous Tissue Engineered Vascular Grafts PP104 - M
Muriel A. Cleary, MD; Narutoshi Hibino, MD, PhD; Tai Yi, MD; Alice Li; Christopher K. Breuer, MD. *Yale University, New Haven, CT.*

Predictors of Time to Full Feeds in Neonates with Gastroschisis PP105 - M
Katrine M. Lofberg, MD; Geoanna Bautista; Hanmin Lee, MD; Tippi C. MacKenzie, MD; Douglas Miniati, MD; Shinjiro Hirose, MD. *University of California San Francisco, San Francisco, CA.*

Twenty-Five Pediatric Cardiac Malignancies PP106 - M
James S. Davis, MD; Bassan J. Allan, MD; Eduardo A. Perez, MD; Holly L. Neville, MD; Juan E. Sola, MD. *University of Miami Miller School of Medicine, Miami, FL.*

Perioperative and Critical Care Surgery

Dynamic Contrast Enhanced Ultrasound Assessment with Second Generation Contrast Agent for Quantifying Bowel Wall Vascularity in the Acute Mesenteric Ischemia PP185 - W
Masaharu Odo, MD; Kohki Tokuda, MD; Akihiko Shimana, MD; Hideaki Hori, MD; Hitoshi Tsubouchi, MD. *Kobayashi Municipal Hospital, Kobayashi, Japan.*

Effect of Severity of Illness on IV Glutamine Efficacy PP186 - W
Farshad Farnejad, MD, MPH; Hiral Patel, MD; Sergeant Wally, PhD; Dina Dakar. *The Jewish Hospital, Cincinnati, OH.*

Hyaluronic Acid Increases Inflammation and Acute Phase Mortality in Murine Intra-abdominal Sepsis PP187 - W
Kendra N. Iskander, MD, MPH; Rituparna Moitra; Elizabeth R. Duffy; Daniel G. Remick, MD. *Boston University Medical Center, Boston, MA.*

Lifeguard Down: Causative Factors in U.S. Civil Air Ambulance Accidents from 1982–2009 PP188 - W
Michael M. Fuenfer, MD, FACS. *Massachusetts General Hospital, Boston, MA.*

Low Dose Cyclophosphamide Augments Survival in a Murine Treatment Model of Severe Sepsis PP189 - W
Ian E. Brown, MD, PhD; Alexandra Shawo; Oliver Bellevue; Hobart W. Harris, MD, MPH, FACS. *University of California, San Francisco, San Francisco, CA.*

PICC Lines vs. Central Venous Catheters: The Impact of a Central Line Care Protocol PP190 - W
Paul D. Colavita, MD; Victor B. Tsirlin, MD; Catherine L. Passaretti, MD; A. Britton Christmas, MD, FACS; Kristian T. Dacey; B. Todd Heniford, MD, FACS; Ronald F. Sing, DO, FACS. *Carolinas Medical Center, Charlotte, NC.*

The ACTH Stimulation Test for the Diagnosis of Adrenal Insufficiency in Septic Shock in Critically Ill Patients PP191 - W
Anja K. Jaehne, MD; Aturo Suarez, MD; Samantha Brown; Laura Eichhorn-Wharry, MD; Emanuel P. Rivers, MD, MPH; Dante Figueroa, MD; Victor Coba, MD; Audwin Garcia, MD; Pavitra Kotini, MD. *Henry Ford Hospital, Detroit, MI.*

The Human Host Response to Endotoxaemia Exhibits a Circadian Variation PP192 - W
Mahdi Alamili, MD; Jens Lykkesfeldt, MS, ScD; Klaus Bendtzen, MD, ScD; Jacob Rosenberg, MD, ScD, FACS; Ismail Gögenur, MD, ScD. *Herlev Hospital, Copenhagen, Denmark.*

Vitamin D Deficiency Is Prevalent Among Trauma Patients

PP193 - W

Theresa L. Chin, MD; Ernest E. Moore, MD, FACS; Jeffrey Harr, MD, MPH; Arsen Ghasabyan, MPH; Clay C. Burlew, MD, FACS; Anirban Banerjee, PhD; Jeffrey L. Johnson, MD, FACS. *University of Colorado Denver, Aurora, CO.*

Plastic / Maxillofacial Surgery

A Novel Approach to the Organization and Delivery of Breast Cancer Surgical Care

PP107 - T

Christopher A. Tokin, MD; Brian Mailey, MD; Jennifer Baker, MD; David C. Chang, MPH, PhD; Sarah Blair, MD, FACS; Anne M. Wallace, MD, FACS. *University of California, San Diego, San Diego, CA.*

Challenges Beyond the Midline: Improving Outcomes in Lateral Abdominal Wall Reconstruction

PP108 - T

Donald P. Baumann, MD, FACS; Grigorios Lamarin, MD; Patrick B. Garvey, MD, FACS; Charles E. Butler, MD, FACS. *University of Texas MD Anderson Cancer Center, Houston, TX.*

Changing Trends in Maxillofacial Fractures:

A Repeat Study 20 Years Later

PP109 - T

Keith M. Schneider, MS, DDS, DNB; Alan Y. Martinez, DDS, DNB; Michael J. Nowak, PhD; John J. Como, MD, MPH; Jeffrey A. Claridge, MD. *MetroHealth Medical Center, Cleveland, OH.*

Comparison of Complication Rates of Radiation on Immediate and Delayed Breast

Reconstruction: A Retrospective Review

PP110 - T

Elango Edhayan, MB, BS, FACS; Samson Chan, MD; Williams Jeffrey, MD, FACS. *St. John Hospital and Medical Center, Detroit, MI.*

Comparison of Outcomes in Immediate Implant-Based Breast Reconstruction Versus Mastectomy Alone:

Multivariate Analysis of 720 Consecutive Cases

PP111 - T

Daniel Z. Liu, MD; Janelle A. Dubbins; Robert Feczko; Kristine Calhoun; Otway Louie; Peter C. Neligan; Hakim K. Said; David W. Mathes. *University of Washington, Seattle, WA.*

Efficacy of Moist Exposed Burn Ointment (MEBO)

on 2nd Degree Burns Compared to Conventional

Therapy: A Meta-analysis

PP112 - T

Christopher U. Ocampo, MD; Lawrence Matthew C. Loo, MD; Don Arlie S. Romero, MD; Ray B. Malilay, MD; Samuel D. Ang, MD, FACS. *Chinese General Hospital and Medical Center, Manila, Philippines.*

Extent of Perforator Perfusion: Determining the Clinical Perforasome

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Jason Cacioppo, MD, FACS; Adam Cohen, MD, FACS; Andrew Swearingen, MD. *Indiana University Hospital, Indianapolis, IN.*

Obesity as an Initiator of Lymphatic Dysfunction

PP114 - T

Evan S. Weitman, MD; Jamie C. Zampell, MD; Sonia Elhadad, PhD; Seth Aschen; Babak J. Mehrara, MD, FACS. *Memorial Sloan-Kettering Cancer Center, New York, NY.*

Optimizing Two Stage Breast Reconstruction: An Eleven Year Review of 268 Reconstructions

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PP115 - T

Gregory R. Scott, MD, FACS; Cynthia L. Carson, PA-C; Gregory L. Borah, MD, FACS. *Kaiser Permanente, San Diego, CA.*

Quantification of Regenerative Peripheral Nerve Interface Transmission

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Melanie G. Urbanchek, PhD; Ziya Baghmanli, MD; Jana D. Moon; Kristoffer B. Sugg, MD; Nicholas B. Langhals, PhD; Paul S. Cederna, MD. *University of Michigan, Ann Arbor, MI.*

Safety and Efficiency of Dermabond Skin

Closure for Blepharoplasty: A Review of

247 Consecutive Patients

PP117 - T

Gregory R. Scott, MD, APRN; Cynthia L. Carson, PA-C; Gregory L. Borah, MD, FACS. *Kaiser Permanente, San Diego, CA.*

Safety and Reliability of the Inferior Pedicle

Breast Technique: A 19-Year Review of 844

Breast Reductions

PP118 - T

Gregory R. Scott, MD, FACS; Cynthia L. Carson, PA-C; Gregory L. Borah, MD, FACS. *Kaiser Permanente, San Diego, CA.*

Spatial Frequency Domain Imaging to

Effectively Monitor Viability of Composite

Tissue Facial Flaps

PP119 - T

John T. Nguyen, MD; Bernard T. Lee, MD; Yoshitomo Ashitate, MD; Alan Stockdale, MD; Ahmed Ibrahim, MD; Priti P. Patel, MD; Ian A. Buchanan; John V. Frangioni, MD, PhD; Sylvain Gioux, PhD. *Beth Israel Deaconess Medical Center/Harvard University, Boston, MA.*

Temporal Changes of Cellular Apoptosis in the Healing

Intrasynovial Tendons and Adhesions at Tendon Gliding

Interface: Novel 3-Dimensional Analysis

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Ya Fang Wu, MD; Wei Feng Mao, MD; You Lang Zhou, MS; Xiao Tian Wang, MD; Paul Y. Liu, MD; Jin Bo Tang, MD. *Department of Hand Surgery, Affiliated Hospital of Nantong University, Jiangsu, China.*

Tissue Expanders Secured with Suture Tabs Require

Fewer Revisions than Traditional Tissue Expanders for

Breast Reconstruction

PP121 - T

Mark T. Villa, MD; Patrick B. Garvey, MD, FACS; Joseph Krill; Timothy Krill; Jun Liu, MD; Steven Kronowitz, MD, FACS. *University of Texas MD Anderson Cancer Center, Houston, TX.*

Posters of Exceptional Merit

80 Is the New 60: Robotic Cystectomy in Octogenarians Allows Patients with Muscle-Invasive Bladder Cancer to Receive Standard of Care PP224 - M, T, W

Vik Uberoi, MD; Audley Osbourne, MD; Ingolf Tuerk, MD, PhD. *St. Elizabeth's Medical Center, Brighton, MA.*

Colorectal-Vaginal Fistulas: A Single Institutional Experience PP225 - M, T, W

Mohammad A. Abbass, MD; Anna Tsay, NP; Maher A. Abbas, MD, FACS, FASCRS. *Kaiser Permanente, Los Angeles, CA.*

Delivery of Surgical Care for Infants with Biliary Atresia in the U.S. PP226 - M, T, W

Abbey L. Fingeret, MD; Gudrun Aspelund, MD, FACS; Robert A Cowles, MD, FACS. *Columbia University, New York, NY.*

Early Postoperative Intraperitoneal Chemotherapy for Macroscopically Serosa Positive Advanced Gastric Cancer Patients PP227 - M, T, W

Ohkyoung Kwon, MD; Wansik Yu; Hoyoung Chung. *Kyungpook National University Medical Center, Daegu, South Korea.*

Factors Associated with Repeat Surgery after Initial Breast Conservation at Commission on Cancer Accredited Cancer Centers: Report from the National Cancer Data Base, 2003–2007 PP228 - M, T, W

Lee G. Wilke, MD, FACS; T Czechura, MPH; David J. Winchester, MD, FACS; D. P. Winchester, MD, FACS; E. Barrera, MD; K. Yao, MD, FACS. *NorthShore University Health System, Evanston, IL.*

Payer Status and Access to Laparoscopic Subtotal Colectomy for Ulcerative Colitis PP229 - M, T, W

Alexander J. Greenstein, MD, MPH; Anya Romanoff, MD; Alan Moskowitz, MD; Eugene Sosunov, PhD; Sergey Khaitov, MD, FACS; Natalia Egorova, MPH, PhD. *Mount Sinai School of Medicine, New York, NY.*

Pre-hospital Systolic Blood Pressure as an Indicator of Mortality in the Elderly Trauma Patient PP230 - M, T, W

Juan Santiago, MD; Richard J. Fantus, MD, FACS; Michele M. Mellett, MD, FACS; Robert J. Fantus; Chrystal Price. *Advocate Illinois Masonic Medical Center, Chicago, IL.*

Recovery of Gastrointestinal Function after Laparoscopic Colectomy for Cancer: Effect of Epidural Analgesia with Sufentanil PP231 - M, T, W

Francesco Puccio, MD, FACS; Benvenuto Antonini, MD; Massimiliano Solazzo, MD; Paolo Marcianò, MD; Gianpiero Pandolfo, MD. *Hospital of Manerbio, Brescia, Italy.*

Variations in Complication Rates for Elective Non-Reconstructive Breast Surgery: An Analysis of NSQIP Data from 2006–2010 PP232 - M, T, W

Philip J. Hanwright; Geoffrey Chow, MD; Colton H McNichols; Caitlin Connor; Karl Y. Bilimoria, MD; John YS Kim, MD. *Northwestern University Feinberg School of Medicine, Chicago, IL.*

Virtual Laparoscopic Surgery Planning System for Laparoscopic Hepatobiliary and Pancreatic Surgery PP233 - M, T, W

Takeshi Aoki, MD, PhD; Murakami Masahiko, MD, PhD; Fujimori Akira, MD, PhD; Enami Yuta, MD, PhD; Koike Reiko, MD; Koizumi Tomotake, MD, PhD; Watanabe Makoto, MD, PhD; Otsuka Koji, MD; Kato Takashi, MD, PhD. *Department of Gastroenterological & General Surgery, Shinagawa-ku, Japan.*

Quality, Outcomes, and Costs

Abdominal Wall Reconstruction: The Cost of Complexity PP107 - M

Yuri W. Novitsky, MD; Peter Will; David M. Krpata, MD; Michael J. Rosen, MD, FACS. *University Hospitals Case Medical Center, Cleveland, OH.*

Assessing NSQIP® Data Based on Surgical Indication: A Novel Way to Identify High Risk Cases PP108 - M

Amanda B. Cooper, MD; Thomas A. Aloia, MD, FACS. *University of Texas MD Anderson Cancer Center, Houston, TX.*

Comparison of Outcomes and Costs of Laparoscopic (LDP) and Open (ODP) Distal Pancreatectomy PP109 - M

Kenneth K. W. Lee, MD, FACS; Melissa Saul; Herbert Zeh, MD; Amer Zureikat, MD; Arthur J. Moser, MD; Steven Hughes, MD. *University of Pittsburgh School of Medicine, Pittsburgh, PA.*

Cost of Laparoscopic Ischemic Conditioning and Gastric Conduit Morbidity As Compared to a Single Operation PP110 - M

Amy K. Yetasook; Mark S. Talamonti, MD; John A. Howington, MD; Woody E. Denham, MD; John G. Linn, MD; JoAnn M. Carbray; Michael B. Ujiki, MD. *North-Shore University HealthSystem, Evanston, IL.*

Early Discharge with Enhanced Recovery Pathways for Colorectal Surgery Is Associated with Low Readmission Rates PP111 - M

Justin K. Lawrence, MB, BS, MB, BCh, MRCS; Hoda Samia, MD; Bridget Ermlich, RN; Karen Brady, NP; Tamar Nobel, MS; Conor P. Delaney, MD, PhD, FACS. *University Hospitals of Cleveland, Cleveland, OH.*

Femoral Hernia: It Doesn't Pay to Be Late PP112 - M

Aaron Saul Rickles, MD; James C. Iannuzzi, MD; Andrew-Paul Deeb; Fergal J. Fleming, MB, BCh, FRCS; John R. T. Monson, MD, FACS, FRCS. *University of Rochester, Rochester, NY.*

Impact of Mode of Presentation on Outcome in Breast Cancer

PP113 - M

Olusegun O. Komolafe, FRCS; Wilson J. Angerson, PhD; James Mansell, MRCS; Julie C. Doughty, FRCS; Christopher W. Wilson, FRCS; W. David George, FRCS. *Western Infirmary, Glasgow, Glasgow, Scotland.*

Laparoscopic Colorectal Surgery Is Associated with Improved Quality Outcome Measures

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Carrie Y. Peterson, MD; Kerrin Palazzi-Chura, MPH; J. Kellogg Parsons, MD; David C. Chang, MPH, PhD; Sonia L. Ramamoorthy, MD. *University of California, San Diego, San Diego, CA.*

Minimally Invasive Surgery Is Associated with Lower Inpatient Acuity of Care

PP115 - M

Santosh J. Agarwal, MS; Lobat Hashemi, MS; Gary V. Delhougne, JD, MHA; Ross D. Segan, MD, FACS. *Coviden, Mansfield, MA.*

Modifier 22: Impact on Reimbursement for General Surgery Operations

PP116 - M

Benjamin T. Jarman, MD, FACS; Erynn M. Georgieff, CPC; Kara J. Kallies; Michelle A. Mathiason. *Gundersen Lutheran Health System, La Crosse, WI.*

Patient Related Factors Associated with Increased Risk for Missed Appointments

PP117 - M

Ian K. Komenaka, MD, FACS; Josh Knolhoff, MD; Jesse Nodora, PhD; Chiu-Hsieh Hsu, PhD; Marcia Bouton, PA-C; Maria Elena Martinez, PhD. *Maricopa Medical Center, Phoenix, AZ.*

Performance Improvements in Appendicitis Quality Measures and Cost with an Acute Care Surgery Service

PP118 - M

Michael S. O'Mara, MD, FACS; Leon J. Owens, MD, FACS; John T. Owings, MD, FACS. *Sutter Medical Center Sacramento, Sacramento, CA.*

Perioperative Bleeding and Thromboembolic Complications during Gastroenterological Surgery in Patients with Anticoagulation Therapy: An Institutional Review

PP119 - M

Seiichiro Tada, MD; Takahisa Fujikawa, MD, FACS; Akira Tanaka, MD; Toshihiro Abe, MD; Yasunori Yoshimoto, MD; Hisatsugu Maekawa, MD; Norihiro Shimoike, MD. *Kokura Memorial Hospital, Kitakyushu, Japan.*

Preventable Readmissions after Surgery: Are There Targets for Improvement?

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Aaron J. Dawes, MD; Greg D. Sacks, MD, MPH; Marcia M. Russell, MD; Anne Y. Lin, MD; Melinda M. Gibbons, MD; Areti Tillou, MD; James S. Tomlinson, MD, PhD; Darryl T. Hiyama, MD; Jonathan R. Hiatt, MD; Clifford Y. Ko, MD, FACS. *University of California Los Angeles, Los Angeles, CA.*

Process Control in Surgery: Using Industrial Methodology to Evaluate Resource Utilization for Perioperative Colorectal Care

PP121 - M

Justin K. Lawrence, MB, BCh, MRCS; Johnnie Rose, MD, PhD; Brian Jung, MEng(Hon); Karen Brady, NP; Hoda Samia, MD; Conor P. Delaney, MD, PhD, FACS. *University Hospitals of Cleveland, Cleveland, OH.*

Retained Surgical Items: Determining the Pattern of Errors and Omissions

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Susan D. Moffatt-Bruce, MD, FACS; Hesham M. Ahmed, MD; Harry L. Anderson III, MD, FACS; James Cipolla, MD, FACS; Charles H. Cook, MD, FACS; Susetta M. Coyle, RN; Mark J. Seamon, MD, FACS; E. Christopher Ellison, MD, FACS; Steven M. Steinberg, MD, FACS; Stanislaw P. A. Stawicki, MD, FACS. *The Ohio State University College of Medicine, Columbus, OH.*

Ten-Year Outcomes of Surgical Devices Cleared by the Food and Drug Administration

PP123 - M

Abhishek Mathur, MD; Rachel Wilson; Vic Velanovich, MD. *University of South Florida, Tampa, FL.*

The Number of Screening Breast Biopsies Performed in the United States in 2010

PP124 - M

Cristina Thorsen, MD, MPH; Martin Eklund, PhD; Elissa Ozanne, PhD; Laura J. Esserman, MD, FACS. *University of California, San Francisco, San Francisco, CA.*

Using Mobile App Technology for Point of Care Surgical Risk Assessment

PP125 - M

Steven J. Nurkin, MD; Venkata R. Kakarla, MD; Boris Kuvshinoff, MD, FACS; Neal Wilkinson, MD, FACS. *Roswell Park Cancer Institute, Buffalo, NY.*

Using NSQIP® to Investigate SCIP Deficiencies in Surgical Patients with a High Risk of Developing Hospital-Associated Urinary Tract Infections

PP126 - M

H. David Reines, MD, FACS; Amber W. Trickey; Moira E. Crosby, MPH; Fran Vasaly, RN, MSN; Jean Donovan, RN, MSN; John J. Moynihan, MD, FACS. *Inova Fairfax Hospital, Falls Church, VA.*

Your Socioeconomic Status May Predict Your Death after Trauma

PP127 - M

Nichole K. Ingalls, MD, MPH; Dennis Hanseman, PhD; Bryce Robinson, MD, FACS. *University of Cincinnati, Cincinnati, OH.*

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Rajshri Mainthia; Margaret J. Tarpley; Mario A. Davidson, PhD; John L. Tarpley, MD, FACS(Hon). *Vanderbilt University Medical Center, Nashville, TN.*

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Charity C. Glass; Robert D. Acton, MD, FACS; Patrice G. Blair, MPH; Andre Campbell, MD, FACS; Ellen S. Deutsch, MD, FACS; Daniel B. Jones, MD, FACS; Kathleen R. Liscum, MD, FACS; Ajit K. Sachdeva, MD, FACS, FRCSC; Daniel J. Scott, MD, FACS; Stephen C. Yang, MD, FACS. *Beth Israel Deaconess Medical Center, Boston, MA.*

Changing Paradigms in Minimally Invasive Surgery Training

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Amruta Unawane, MD; Armin Kamyab, MD; Mitesh Patel, BA; Vijay K. Mittal, MD, FACS. *Providence Hospital and Medical Centers, Southfield, MI.*

Dimensions of Culture: Faculty and Student Characteristics at an Urban Public Medical School

PP145 - W

Aliu Sanni, MD; Lekperic Safet; James Reilly, MD, FACS. *SUNY Downstate College of Medicine, Brooklyn, NY.*

Effects of Stress on Residents' Absite Performance: Single Institution Experience

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Joseph R. Broucek, MD; Maria C. Mora Pinzon, MD; Amanda B. Francescatti; Renee Polanowski, MS; Marc I. Brand, MD; Theodore J. Saclarides, MD, FACS, FAS-CRS. *Rush University Medical Center, Chicago, IL.*

Endoscopy Training in General Surgery Residency

PP147 - W

Nell Maloney Patel, MD; Joseph P. Terlizzi, MD; Craig Rezac, MD; Stanley Z. Trooskin, MD, FACS. *UMDNJ-Robert Wood Johnson Medical School, New Brunswick, NJ.*

Enhancing Resident Education by Empowering The Learner through the Creation of Smartphone Applications

PP148 - W

Christine Du, MD; Dale Dangleben, MD; Judith Olenwine; Michael Badellino, MD. *Lehigh Valley Health Network, Allentown, PA.*

Establishing a Curriculum for House Staff and Its Impact in a Changing Culture of Patient Safety at a Teaching Hospital

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Sujata Sofat, MD; Stephen R. T. Evans, MD, FACS. *Georgetown University Hospital, Washington, DC.*

Gender Equality in Surgery: Not Applied to Income

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Heather A. Frohman; Franka Co; Thu-Hoai C. Nguyen; Alexander S. Rosemurgy, MD, FACS; Sharona B. Ross, MD, FACS. *University of South Florida, Tampa, FL.*

Improving Diagnostic Ability with a Social-Psychological Intervention

PP151 - W

Arghavan Salles, MD, PhD; Geoffrey L. Cohen, PhD; Claudia Mueller, MD, PhD. *Stanford University, Stanford, CA.*

Non-ACGME Accredited Surgical Fellowship Graduates: Their Demographics, Practice Patterns, and Contributions to American Surgery

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Adrian Park, FACS, FRCSC; Erica Sutton, MD; Ivan George; B. Todd Heniford, MD. *University of Maryland, Baltimore, MD.*

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PP153 - W

Marvin Hsiao, MD; Alemayehu Ginbo Bedada, MD; Balisi Bakanisi, MD; Joseph Motsumi, MD; Georges Azzie, MD, FRCSC. *Hospital for Sick Children, Toronto, Canada.*

Patients' Perceptions of Women Surgeons: Is There Bias?

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Sharona B. Ross, MD, FACS; Franka Co; Stephanie L. Willet; Natalia Spinelli; Alexander S. Rosemurgy, MD, FACS. *University of South Florida, Tampa, FL.*

Pre-clinical Medical Student Elective to Increase Early Exposure, Confidence, and Matriculation in Surgery

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Brian C. Drolet, MD; Suma Sangisetty, MD; Beth A. Ryder, MD, FACS; William G. Cioffi, MD, FACS. *Brown University / Rhode Island Hospital, Providence, RI.*

Preliminary General Surgery Residents: 20-Year Outcomes for International Medical School Graduates

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Elizabeth A. Lax, MD; Deepa Taggarshe, MD; Vijay K. Mittal, MD, FACS. *Providence Hospital and Medical Center, Southfield, MI.*

Previous Experience with Needlework, Including Knitting, Crochet, or Embroidery, Improves Initial Laparoscopic Performance Level in Medical Students

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Madalyn Peters; Kyle Edwards; Andrea M. Wolf, MD; D. S. Tichansky, MD, FACS. *Thomas Jefferson University Hospital, Philadelphia, PA.*

Reduction in Resident Duty Hours Leads to Increased Academic Productivity

PP158 - W

Danny A. Sherwinter, MD, FACS; Patrick I. Borgen, MD, FACS. *Maimonides Medical Center, Brooklyn, NY.*

Surgery Resident Participation in Short Term Humanitarian International Surgical Missions Can Supplement Exposure Where Program Case Volumes Are Low

PP159 - W

Asha G. Bale, MD, FACS; Ziad C. Sifri, MD, FACS.
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Surgical Residency: Not As Harsh As It's Cracked Up to Be?

PP160 - W

Arghavan Salles, MD, PhD; Geoffrey L. Cohen, PhD; Claudia Mueller, MD, PhD. *Stanford University, Stanford, CA.*

Surgical Resident Autonomy: Do Resident and Faculty Surveys Reflect Reality?

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Danny A. Sherwinter, MD, FACS; Patrick I. Borgen, MD, FACS; Jesus Hidalgo, MD. *Maimonides Medical Center, Brooklyn, NY.*

The Current Status of Open Access in the Surgical Literature

PP162 - W

T. G. McKelvey, Jr.; Thomas J. Desmarais; Joseph M. Rosen, MD. *Dartmouth-Hitchcock Medical Center, Lebanon, NH.*

The Implementation of the Fundamentals of Laparoscopic Surgery Program Affects Educational Outcome

PP163 - W

Bin Zheng, MD, PhD; Maria A. Cassera; Lee L. Swannstrom, MD, FACS. *University of Alberta, Edmonton, Canada.*

The Mock Oral Board Exam in Resident Simulation-Based Education: Results of a National Survey of General Surgery and Cardiothoracic Program Directors

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David T. Cooke, MD, FACS; Wentao Li, BA; Gary W. Raff, MD, FACS; W. Douglas Boyd, MD; Royce F. Calhoun, MD, FACS; Daren S. Danielson, MD; Mona G. Flores, MD; Jerry W. Pratt, MD; Ming-Sing Si, MD; J. Nilas Young, MD, FACS. *University of California, Davis Medical Center, Sacramento, CA.*

The Practice of Safe and Minimally Invasive Training Method for Lung Cancer Operation with Hybrid Video-Assisted Technique

PP165 - W

Hiroyuki Oura, MD, PhD; Itaru Ishida, MD, PhD; Ken Onodera, MD; Toru Kawakami, MD. *Iwate Prefectural Central Hospital, Morioka, Japan.*

Utilization of a Simulated Operating Room Environment for Resident Education: A Pilot Study for Evaluating ACGME Core Competencies and the Value of Debriefing

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Edward Dominguez, MD, FACS; William D. Watson, MD, FACS; Elizabeth A. Fannin; Jim Heberling, CST; Laura M. Schnegg, MD; John O. Elliott, MPH; Lynn E. T. Shaffer, PhD; Oscar R. Ruiz, MD, FACS. *Riverside Methodist Hospital, Columbus, OH.*

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A Survey of Surgical Capacity in Rural Nigeria: Opportunities for Change

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Jaymie A. Henry, MD, MPH; Olubayo Windapo, MD; Adam L. Kushner, MD, MPH, FACS; Reinou S. Groen, MD; Benedict C. Nwomeh, MD, MPH, FACS. *Association of Rural Surgical Practitioners Of Nigeria (ARSPON), Ibadan, Nigeria.*

An Innovative Paradigm for Surgical Education Programs in Resource Limited Settings

PP136 - W

Dan L. Deckelbaum, MD, MPH, FRCSC; P. Kyamanywa, MD; A. S. Liberman, MD; E. Rwamasirabo, MD; E. Gasakure, MD; K. Khwaja, MD; P. Fata, MD; Tarek Razek, MD; G. Ntakiyiruta, MD. *National University of Rwanda, Butare, Rwanda.*

Effect of Enrollment in the Kenyan National Hospital Insurance Fund on Participation in and Survival from Wilms Tumor Therapy

PP137 - W

Jason Axt, MD, RN, EMT-P; Meridith D. Axt, RN; Oliver Oruko, RN; Fatmah K. Abdallah, MB, BCh; James Ndung'u, MB, BS; Jessie Githanga, MB, BS; Harold N. Lovvorn III, MD, FACS, FAAP. *Vanderbilt University Medical Center, Nashville, TN.*

Inter-Rater Reliability of the PIPES Tool: Validation of a Surgical Capacity Index at Public Hospitals in Santa Cruz, Bolivia

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Abraham Markin; Roxana Barbero, MD, MPH; Jeffrey J. Leow, MB, BS; Reinou S. Groen, MD, MPH; Greg Perlman, PhD; Elizabeth B. Habermann, MPH, PhD; Keith N. Apelgren, MD, FACS; Adam L. Kushner, MD, MPH, FACS; Benedict C. Nwomeh, MD, MPH, FACS. *Surgeons OverSeas (SOS), New York, NY.*

Linking Assessment of Surgical Needs at the Community Level to Health System Strengthening: A Surgeons OverSeas Assessment of Surgical Needs (SOSAS) Evaluation in Rwanda

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Robin T. Petroze, MD; Patrick Kyamanywa, MD, MPH; Francine Niyonkuru, MD; Reinou S. Groen, MD; Edmond Ntaganda, MD; Melissa Mallory; Thomas G. Guterbock, PhD; Adam L. Kushner, MD, MPH, FACS; James F. Calland, MD, FACS. *University of Virginia, Charlottesville, VA.*

Provision of Pulse Oximetry in Uganda: A Model for National-Scale Technology and Training Transfer to Resource-Limited Settings

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Rebecca Y. Kim, MD, MPH; Louise Finch, MB, BCh; Stephen Ttendo, MB, BCh, MMed (Anesth); Joseph Kiwanuka, MB, BCh; Isabeau A. Walker, MB, BCh; Iain H. Wilson, MB, BCh; Thomas G. Weiser, MD, MPH; William R. Berry, MD, MPH, FACS; Atul A. Gawande, MD, MPH, FACS. *Harvard School of Public Health, Boston, MA.*

Sustainability of Humanitarian Programs:**Heart Care International a 17 Year Legacy PP141 - W**

Robert Michler, MD, FACS; Samuel Weinstein, MD; Alistair Phillips, MD; Carolyn Kyne, RN; Betsy Tirado, RN; Joe Tobias, MD; Daphne Hsu, MD; William S. Schechter, MD. *Montefiore Medical Center, New York, NY.*

Surgical Oncology
**An Evaluation of Intra-Operative Faxitron
Microradiography versus Conventional Specimen
Radiography for the Excision of Nonpalpable
Breast Lesions PP193 - T**

Song Hon H. Kim, MD; Sylvie D. Cornacchi; Barbara Heller, MD, FRCSC; Forough Farrokhyar, PhD; Melissa Babra; Peter J. Lovrics, MD, FRCSC. *McMaster University, Hamilton, Canada.*

**Assessment of Disease Features and Immune
Response in Breast Cancer Patients with Recurrence
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Diane F. Hale, MD; Sonia Perez, PhD; Timothy J. Vreeland, MD; Dabney Raetasha, MD; Michael Papamichail, PhD; Guy T. Clifton, MD; Alan Sears, MD; Sathibalan Ponniah, PhD; George E. Peoples, MD, FACS; Elizabeth A. Mittendorf, MD, FACS. *Brooke Army Medical Center, San Antonio, Texas.*

**Assessment of the Seventh Edition of the AJCC
Classification and a Proposal of a New Classification
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Gastrectomy PP195 - T**

Costantino Zingaretti, MD; Valerio Sisti, MD; Vincenzo Catalano, MD; Moreno Cicetti, MD; Irene Fiume, MD; Luigi Goffi, MD; Margherita Lambertini, MD; Fabrizio Corinaldesi, MD; Francesco Graziano, MD; Giammaria Fiorentini, MD. *Ospedali Riuniti Marche Nord - San Salvatore, Pesaro, Italy.*

**Determinants of Participation in Surgical
Oncology Trials for Breast Cancer PP196 - T**

John H. Stewart, MD; Greg B. Russell; Eun-Young Song, PhD; Marissa M. Howard-McNatt, MD; Edward A. Levine, MD; Ronny A. Bell, PhD. *Wake Forest School of Medicine, Winston-Salem, NC.*

**Effect of Insurance Payor Status on the Surgical
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Linda Adepoju, MD; Stephen Wanjiku; Megan Brown, MPH; Mallory Williams, MD, MPH; Joseph Sferra, MD. *Promedica Health System, Toledo, OH.*

**Effective Low-Dose Escalation of Indocyanine
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Denis M. Gilmore, MD; Onkar V. Khullar, MD; John V. Frangioni, MD, PhD; Yolonda L. Colson, MD, PhD; Sara E. Russell, MD. *Brigham and Women's Hospital, Boston, MA.*

**Feasibility and Oncological Outcomes of Limited
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Ahmed M. El-Gendi, MD, MRCS, PhD; Saba El-Gendi, MD, PhD; Mohamed El-Gendi, MD, PhD. *Faculty of Medicine, Alexandria University, Alexandria, Egypt.*

**How Often Are High-Risk Breast Lesions on
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Excisional Biopsy? PP200 - T**

Laurel C. Soot, MD, FACS; Heidi D. Nelson, MD, MPH; Roshanthi K. Weerasinghe, MPH; Maritza Martel, MD. *Providence Cancer Center, Portland, OR.*

**Hypoxia-Inducible Factor-1 Up-Regulates the
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Cancer Cells under Hypoxic Conditions PP201 - T**

Ping Fan, PhD; Wang Bo, PhD; Zhang Jianjun, PhD; Wu Hanqing, PhD; Wu Heshui, MD, PhD; Zhou Sixing, PhD; Liu Xiang, PhD; Wang Chunyou, PhD. *Institute of Pancreatic Disease, Union Hospital, Tongji Medical College, Wuhan, China.*

**Laparoscopic Colectomy Decreases Time to Start
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Vitaliy Y. Poylin, MD; Deborah A. Nagle, MD, FACS, FASCRS. *Beth Israel Deaconess Medical Center, Boston, MA.*

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Anna M. Leung, MD; Danielle Hari, MD; Connie Chiu, MD; Anton J. Bilchik, MD, PhD. *John Wayne Cancer Institute, Santa Monica, CA.*

**Lymphovascular Invasion and Receptor
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David Pearlstone, MD, FACS; Paolo Lizano; Tyler Stewart; Lyly Nguyen; Ashkan Afshari. *Hackensack University Medical Center, Hackensack, NJ.*

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Keishi Yamashita, MD, PhD; Atsushi Kuno, PhD; Shin-ichi Sakuramoto, MD; Natsuya Katada, MD; Hisashi Narimatsu, MD, PhD; Masahiko Watanabe, MD, PhD, FACS. *Kitasato University School of Medicine, Sagami-hara, Japan.*

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Steven Nurkin, MD; Hector Nava, MD; Chukwumere Nwogu, MD; Sai Yendamuri, MD; Charles Levea, MD; Nikhil Khushalani, MD. *Roswell Park Cancer Institute, Buffalo, NY.*

Ovarian Metastasis from Midgut Neuroendocrine Tumors: Incidence, Clinical Implications, and Management Options

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Yi-Zarn Wang, MD, DDS, FACS; Anne E. Diebold; J. Philip Boudreaux, MD, FACS; Richard J. Campeau, MD; Lowell B. Anthony, MD, FACP; Eugene A. Woltering, MD, FACS. *Louisiana State University Health Sciences Center, New Orleans, LA.*

Patterns of Recurrence after Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy Compared to Hepatic Resection in Optimally-Treated Patients with Metastatic Colorectal Cancer

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Aaron U. Blackham, MD; Edward A. Levine, MD; Greg B. Russell, MD; John H. Stewart, MD; Konstantinos Votanopoulos, MD; Perry Shen, MD, FACS. *Wake Forest School of Medicine, Winston Salem, NC.*

Postoperative Complications Decrease Long-Term Survival in Patients Undergoing Curative Surgery for Colorectal Cancer

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Avo Artinyan, MD; Daniel A. Anaya, MD, FACS; G. John Chen, MD, PhD; Hong Jen Yu; David H. Berger, MD, MHCM. *Baylor College of Medicine, Houston, TX.*

Prognostic Significance of MAGE in Peritoneal Washes in Gastric Carcinoma Patients without Peritoneal Metastasis: Results of a Five-Year Follow-up Study

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Hyun-Dong Chae, MD; Shin Im-Hee, PhD; Jeon Chang-Ho, MD, PhD. *School of Medicine, Catholic University of Daegu, Daegu, South Korea.*

Prophylactic Chest Tube Placement following HIPEC and CRS with Diaphragmatic Stripping Reduces Postoperative Respiratory Complications

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Trang Nguyen, MD; Gavin Falk, MB, BCh; Matthew Walsh, MD, FACS; Pedro Escobar, MD, FACS; Chad Michener, MD; Sricharan Chalikota, MD, FACS. *Cleveland Clinic Foundation, Cleveland, OH.*

Recommendation for a Method to Improve Detection of Micrometastases in Lymph Nodes

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Emi Saegusa-Beecroft, MD; Junji Machi, MD, PhD, FACS; Jonathan Mamou, PhD; Masaki Hata, MD, PhD; Eugene Yanagihara, MD; Gregory K. Kobayashi, MD; Clifford C. M. Wong, MD; Patricia Kim, MD; Conway Fung, MT; Ernest Feleppa, PhD. *University of Hawaii and Kuakini Medical Center, Honolulu, HI.*

Role of 18F-fluoro-2-deoxyglucose Positron Emission Tomography in Gastric GIST:

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Hyun-Dong Chae, MD; Cho Chang-Ho, MD; Jeong Duck-Su, MD. *School of Medicine, Daegu Catholic University, Daegu, South Korea.*

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The Impact of Diabetes Mellitus on Pancreatic Cancer Treatment Outcomes

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James J. Mezhir, MD; Bradley D. McDowell, PhD; Anna M. Button; Yu-Yu Tien; Kara B. Wright; Gideon K. Zamba, PhD; Elizabeth A. Chrischilles, PhD. *University of Iowa Hospitals and Clinics, Iowa City, IA.*

The Lymph Node Ratio Predicts Survival, Recurrence Risk and Postoperative Chemotherapy Benefit following Preoperative Chemoradiation for Pancreatic Ductal Adenocarcinoma

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Christina L. Roland, MD; Anthony D. Yang, MD, FACS; Matthew H. G. Katz, MD, FACS; Heather Lin, PhD; Jean-Nicolas Vauthey, MD, FACS; Peter W. T. Pisters, MD, FACS; Robert A. Wolff, MD; Christopher Crane, MD; Jeffrey E. Lee, MD, FACS; Jason B. Fleming, MD, FACS. *University of Texas MD Anderson Cancer Center, Houston, TX.*

The Relative Frequency of Highly Aggressive Nuclei Determine Aggressiveness in Cutaneous Squamous Cell Carcinoma

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Evan S. Glazer, MD, MPH; Peter H. Bartels, PhD; Anil R. Prasad, MD; Michael L. Yozwiak; Hubert G. Bartels; Janine G. Einspahr, PhD; David S. Alberts, MD; Robert S. Krouse, MD, FACS. *The University of Arizona, Tucson, AZ.*

TLR4 Up-Regulates HIF-1 α Expression via

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Jianjun Zhang, PhD; Wang Bo, PhD; Wu Heshui, MD, PhD; Wu Hanqing, PhD; Fan Ping, PhD; Zhou Sixing, MD; Liu Xiang, MD. *Institute of Pancreatic Disease, Union Hospital, Tongji Medical College, Wuhan, China.*

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Autosomal Dominant Polycystic Kidney Disease: Renal Transplantation with and without Native Nephrectomy

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Impact of Human T-Cell Leukemia Virus Type 1 in Living Donor Liver Transplantation PP102 - T

Tomoharu Yoshizumi, MD; Toru Ikegami, MD; Shohei Yoshiya, MD; Jun Muto, MD; Yohei Mano, MD; Takeo Toshima, MD; Kazutoyo Morita, MD; Toshiro Masuda, MD; Ken Shirabe, MD, FACS; Yoshihiko Maehara, MD, FACS. *Kyushu University, Fukuoka, Japan.*

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Yasuhiro Fujimoto, MD, PhD; Takumi Teratani, PhD; Xiangdong Zhao, MD, PhD; Junshi Doi, MD; Shintaro Yagi, MD, PhD; Takamichi Ishii, MD, PhD; Kohei Ogawa, MD, PhD; Yasuhiro Ogura, MD, PhD; Eiji Kobayashi, MD, PhD; Shinji Uemoto, MD, PhD. *Kyoto University, Kyoto, Japan.*

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Toru Ikegami, MD; Ken Shirabe, MD, FACS; Kazutoyo Morita, MD; Soejima Yuji, MD, FACS; Tomoharu Yoshizumi, MD; Uchiyama Hideaki, MD; Takeo Toshima, MD; Shohei Yoshiya, MD; Yoshihiko Maehara, MD, PhD, FACS. *Department of Surgery and Science, Kyushu University, Fukuoka, Japan.*

The Outcome of Esophageal Varices after Adult Living Donor Liver Transplantation PP106 - T

Mitsuhisa Takatsuki, MD, PhD; Akihiko Soyama, MD, PhD, FACS(Hon); Takanobu Hara, MD; Izumi Muraoka, MD; Izumi Yamaguchi, MD; Takayuki Tanaka, MD; Tamotsu Kuroki, MD, PhD; Tatsuki Ichikawa, MD, PhD; Kazuhiko Nakao, MD, PhD; Susumu Eguchi, MD, PhD, FACS(Hon). *Nagasaki University, Nagasaki, Japan.*

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G. Charles, MD, MPH, FACS. *University of North Carolina, Chapel Hill, NC.*

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Raphael Sun, MD; Dionne Skeete, MD; Kristel Wetjen, RN; Michele Lilienthal, RN; Junlin Liao, PhD; Mark Madsen, PhD; Joel Shilyansky, MD; Kent Choi, MD. *University of Iowa Hospitals and Clinic, Iowa City, IA.*

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Uzung Yoon, MD, MPH, PhD; Lai Lai Kwok, BA; Karsten Knobloch, MD, PhD. *New York Hospital Queens, Flushing, NY.*

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Hieu Ton-That, MD, FACS; Hadi Shaaban, DO; Jami Eddington; Micky Simwenyi, MSBioE; Melissa Crowe, RN, MSN; Thomas J. Esposito, MD, MPH, FACS; Robert A. Cherry, MD, FACS. *Loyola University Medical Center, Maywood, IL.*

Does Race/Ethnicity Affect the Use of Restraints and Outcomes in Patients Involved in Motor Vehicle Crashes? PP141 - M

Arezou Yaghoubian, MD; Ronnie Sullins, MD; Vanessa Munoz; Amy Kaji, MD, PhD; Steven L. Lee, MD. *Harbor-UCLA Medical Center, Torrance, CA.*

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Miriam A. Moreira, PhD; Maria C. Irigoyen, MD, PhD; Edson Dias Moreira, PhD; Cristiano Mostarda, PhD; Edna Frasson Souza Montero, MD, PhD; José L. Martins, MD, PhD. *Federal University of São Paulo UNIFESP/EPM, São Paulo, Brazil.*

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Maude L. Kettenmann, MD; Nicholas J. Shubin; Sean F. Monaghan, MD; Lydea R. Irwin; William G. Cioffi, MD; Alfred Ayala, PhD; Daithi S. Heffernan, MD. *Brown University, Rhode Island Hospital, Providence, RI.*

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Biplab Mishra, MB, BS, MS; Amit Gupta, MB, BS, MS; Subodh Kumar, MB, BS, MS; Manjunath Pol, MB, BS, MS; Maneesh Singhal, MB, BS, MS; Sushma Sagar, MB, BS, MS; Shivanand Gamanagatti, MB, BS, MD; Chhavi Sawhney, MB, BS, MD; M. C. Misra, MB, BS, MD, FACS, FRCS. *JPN Apex Trauma Centre, New Delhi, India.*

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Melvin E. Stone, Jr., MD, FACS; Jeremy Marsh; Jody M. Kaban, MD, FACS; Andrea Romano, MD; Janet Cucuzzo, RN, MSN; Srinivas H. Reddy, MD; Sheldon Teperman, MD, FACS. *Jacobi Medical Center, Bronx, NY.*

Gender and Interpersonal Violence in Malawi: Epidemiologic Differences within a Hospital-Based Trauma Registry PP147 - M

Michelle Kiser, MD; Jonathan C. Samuel, MD, MPH; Judith Mkwaila, MD; Arturo P. Muyco, MD; Anthony Charles, MD, MPH, FACS. *University of North Carolina at Chapel Hill, and Lilongwe, Malawi.*

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Jennifer E. Rosen, MD; Ilona D. Goukassian; Edward LeConteur. *Boston University School of Medicine, Boston, MA.*

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Farid F. Muakkassa, MD, FACS; Robert A. Marley, MD, FACS; Ann E. Salvator. *Akron General Medical Center, Akron, OH.*

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Paulo F. Saad, PhD; Karen R. Saad, PhD; Luiz Dantas Oliveira Filho, PhD; Marcia Kiyomi Koike, PhD; Sueli Gomes Ferreira, MD; Rafael Simas, MD; Edna Frasson Souza Montero, PhD. *São Paulo University, São Paulo, Brazil.*

Motorcycle Crash Injuries and Outcomes: Data from a Tertiary Hospital in the Philippines PP152 - M

Albertson R. Gumarao, MD; Ray B. Malilay, MD, FACS, FPCS; Jorge M. Concepcion, MD, FPCS; Chandler E. Andrade, MD. *Pasig City General Hospital/Mary Chiles General Hospital, Manila, Philippines.*

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Luiz Dantas Oliveira Filho, PhD; Karen R. Saad, PhD; Paulo F. Saad, PhD; Marcia Kiyomi Koike, PhD; Edna Frasson Souza Montero, PhD. *São Paulo University, São Paulo, Brazil.*

Pedestrians Struck by Motor Vehicles: Risk of Fracture by Age PP154 - M

Nina E. Glass, MD; S. Rob Todd; Ronald J. Simon; Chad T. Wilson; Vasiliy Sim; Susan I. Brundage; Sally Jacko; Linda A. Dultz; Dekeya Slaughter-Larkem; Spiros G. Frangos. *NYU Langone Medical Center, New York City, NY.*

Pre-hospital Intubation Associated with Adult Trauma Mortality: Effect of Rural Locations and Trauma Center Level PP155 - M

Senthil N. Jayarajan, MD; Sharven Taghavi, MD, MPH; Eugene Komaroff, PhD; Abhijit S. Pathak, MD, FACS; Thomas Santora, MD, FACS; Amy Goldberg, MD, FACS. *Temple University Hospital, Philadelphia, PA.*

Pre-hospital Intubation Does Not Decrease Complications in the Penetrating Trauma Patient PP156 - M

Sharven Taghavi, MD, MPH; Halley Vora; Senthil N. Jayarajan, MD; John Gaughan, PhD; Abhijit S. Pathak, MD, FACS; Thomas Santora, MD, FACS; Amy Goldberg, MD, FACS. *Temple University Hospital, Philadelphia, PA.*

Pulmonary Embolism after Trauma: Thromboembolism or Thrombosis? PP157 - M

Jason P. Farrah, MD; James J. Hoth, MD, PhD; Preston R. Miller, MD; Jay W. Meredith, MD; Nathan T. Mowery, MD. *Wake Forest University School of Medicine, Winston Salem, NC.*

Pulmonary Impact of N-Acetylcysteine in Controlled Hemorrhagic Shock in Rats PP158 - M

Karen R. Saad, PhD; Paulo F. Saad, PhD; Luiz Dantas Oliveira Filho, PhD; Jose Mára Brito, MD; Marcia Kiyomi Koike, PhD; Sonia Maria Silva, PhD; Fernando Luiz Zanon, PhD; Marisa Dolnikoff, PhD; Edna Frasson Souza Montero, PhD. *São Paulo University, São Paulo, Brazil.*

Risky Behaviors of Pediatric Pedestrians Who Are Struck by Motor Vehicles PP159 - M

Nina E. Glass, MD; Deborah A. Levine, MD; Ronald J. Simon, MD, FACS; S. Rob Todd, MD, FACS; Chad T. Wilson, MD; Vasiliy Sim, MD; Sally Jacko, RN, MPH; Linda A. Dultz, MD, MPH; Dekeya Slaughter-Larkem; Spiros G. Frangos, MD, MPH, FACS. *NYU Langone Medical Center, New York City, NY.*

The Effect of Alcohol and Drug Use on the Outcome of Geriatric Trauma Patients PP160 - M

Daithi S. Heffernan, MD; Sean F. Monaghan, MD; Stefan Gravenstein, MD; Andrew H. Stephen, MD; Shea C. Gregg, MD; Michael D. Connolly, MD; Charles A.

Adams, MD; William G. Cioffi, MD. *Brown University, Rhode Island Hospital, Providence, RI.*

The Heavy Burden of Obesity on Trauma Care in West Virginia PP161 - M
Jason Turner, MD; Gregory Schaefer, DO, FACS; Alison Wilson, MD, FACS. *West Virginia University, Morgantown, WV.*

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Carlos Neves, MD; Jack Sariego, MD, FACS. *Temple University School of Medicine, Philadelphia, PA.*

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Mamta Swaroop, MD; Selma M. Siddiqui, MD; Sumant M. Arora; Marie Crandall, MD, MPH, FACS (Hon). *Northwestern University Feinberg School of Medicine, Chicago, IL.*

To Scan or Not to Scan? The Utility of Head and C-spine CT in Children Struck by Motor Vehicles PP164 - M
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Daniel J.D. Surridge, MB, BCh; Jacques Goosen, MB, BCh. *University of the Witwatersrand, Department of Surgery, Johannesburg, South Africa.*

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Claire E. Peeples, MD; Ryan Cooney; Felicia Ivascu, MD, FACS; Greg Howells, MD; Yolanda Munoz Maldonado, PhD. *Beaumont Hospitals, Royal Oak, MI.*

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Alexander V. Zyryanov, MD; Alexander Kutikov, MD; Ervin Teper, MD; Steve Sterious, MD; I. Bazhenov, MD; Tianyu Li, MS; Robert G. Uzzo, MD; V. Zhuravlev, MD; Richard E. Greenberg, MD; Alexey V. Ponomarev, MD. *Ural Regional Hospital #1, Yekaterinburg, Russian Federation.*

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Manoj V. Rao, MD; Ted Vello; Grace Delos Santos, MD; Robert Blackwell, MD; Guliz Barkan, MD; Gopal

Gupta, MD, FACS; Marcus L. Quek, MD, FACS; Robert C. Flanigan, MD, FACS. *Loyola University Medical Center, Maywood, IL.*

Intermediate Clinical Outcomes of Robot-Assisted Laparoscopic Prostatectomy (RALP) PP124 - T
Carson Wong, MD, FACS, FRCSC; Xiao Gu, MD, PhD; Massimiliano Spaliviero, MD. *SouthWest Urology, Inc., Middleburg Heights, OH.*

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The Economics of Robotic Urologic Surgery in the United States and Its Role within a Community Hospital and Cancer Center PP126 - T
Rajesh G. Laungani, MD; Nikhil Shah, DO. *Saint Joseph's Hospital of Atlanta, Atlanta, GA.*

Total Avoidance of Intravenous and Oral Narcotics and Bowel Function after Robotic Prostatectomy PP127 - T
Donna Owen, NP; Ronney Abaza. *The Ohio State University Medical Center and James Cancer Hospital, Columbus, OH.*

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Are Foley Catheters Necessary for Patients Undergoing Carotid Endarterectomy under General Anesthesia? PP194 - W
Kuldeep Singh, MD; Jonathan S. Deitch, MD, FACS; Sean Marco; Jonathan A. Schor, MD; Charles Sticco, DO. *Staten Island University Hospital, Staten Island, NY.*

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James C. Iannuzzi, MD; Aaron Saul Rickles; Neil G. Kumar; Andrew-Paul Deeb; David L. Gillespie; Fergal J. Fleming; John R. T. Monson. *University of Rochester, Rochester, NY.*

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William D. Turnipseed, MD. *University of Wisconsin-Madison, Madison, WI.*

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Abhishek Sundaram, MB, BS, MPH; Prateek K. Gupta, MD; Bala Ramanan, MB, BS; Jason N. MacTaggart, MD; G. Matthew Longo, MD; Jason M. Johanning, MD; R. Armour Forse, MD, PhD; Marcus W. Balters, MD; Thomas G. Lynch, MD; Iraklis I. Pipinos, MD. *Creighton University Medical Center, Omaha, NE.*

Improved Graft Salvage with Sutureless**Venous Anastomotic Grafts****PP200 - W**

Colin T. Brandt, MD; Elango Edhayan, MD, FACS; Darla Granger, MD, FACS; Kumara Rama, MD, FACS. *St. John Hospital and Medical Center, Detroit, MI.*

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Lawrence B. Oresanya, MD; Emily V. A. Finlayson, MD; Michael S. Conte, MD. *University of California San Francisco, San Francisco, CA.*

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Anand Dayama, MD; Nikolaos Tsilimparis, MD; Sebastian Perez, MPH; James G. Reeves, MD. *School of Medicine, Emory University, Atlanta, GA.*

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Ryan N. Nolte; Mark A. Patterson, MD, FACS; Thomas C. Matthews, MD; Steve M. Taylor, MD; Marjan Mujib, MD; Marc A. Passman, MD, FACS; William D. Jordan, MD, FACS. *University of Alabama, Birmingham, School of Medicine, Birmingham, AL.*

Technical Superiority and Clinical Excellence of**Duplex Ultrasound Arterial Mapping (DUAM) vs.****Magnetic Resonance Angiogram (MRA), As the****Sole Imaging Modality in Bypass Surgery (BS)****and Endovascular Revascularization (EVR)****for Critical Lower Ischemia (CL****PP204 - W**

Sherif Sultan, MD, FACS(Hon), FRCS; Wael Tawfick, MB, BCh, MRCS. *Western Vascular Institute, Galway, Ireland.*

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Paul Fennessy, MB, BCh; Peadar Waters, MB, BCh, MRCS; Wael Tawfick, MB, BCh, MRCS; Niamh Hynes, MD, MRCS, MS; Sherif Sultan, MD, FACS(Hon), FRCS. *Western Vascular Institute, Galway, Ireland.*

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17. American Association of Plastic Surgeons
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28. American Society for Surgery of the Hand
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32. American Society of Plastic Surgeons
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35. Association for Surgical Education
36. Association of Program Directors in Surgery
37. Association of VA Surgeons
38. Association of Women Surgeons
39. Canadian Association of General Surgeons
40. Central Association of Obstetricians and Gynecologists
41. Central Surgical Association
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43. Department of the Air Force
44. Department of the Army
45. Department of the Navy
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47. Midwest Surgical Association
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49. New England Surgical Society
50. North Pacific Surgical Association
51. Pacific Coast Surgical Association
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53. Society for Clinical Vascular Surgery
54. Society for Pediatric Urology
55. Society for Vascular Surgery
56. Society for Surgery of the Alimentary Tract
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59. Society of Gynecologic Oncologists
60. Society of Neurological Surgeons
61. Society of Surgical Oncology
62. Society of Thoracic Surgeons
63. Society of University Otolaryngologists
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67. Southern Thoracic Surgical Association
68. Southwestern Surgical Congress
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The requirement for disclosure is not intended to imply any impropriety of such relationships, but simply to identify such relationships through full disclosure, and to allow the audience to form its own judgments regarding the presentation.

If the name of a speaker is not listed, this indicates the speaker had nothing to disclose.

American College of Surgeons Program Committee Disclosures

Full Name	Disclosure
<i>Chair:</i>	
Valerie W. Rusch, MD, FACS	no disclosure
<i>Vice-Chair:</i>	
David M. Mahvi, MD, FACS	no disclosure
<i>Members:</i>	
William G. Cioffi, Jr., MD, FACS	no disclosure
Craig S. Derkay, MD, FACS	Sanofi Aventis: honorarium: speaker/master (class?); Medtronic: hourly compensation, consulting fee: surgical equipment design, independent contractor; Acclarent: hourly compensation, consulting fee: surgical equipment design, independent contractor
Quan-Yang Duh, MD, FACS	no disclosure
Henri R. Ford, MD, FACS	no disclosure
David R. Jones, MD, FACS	no disclosure
Fabrizio Michelassi, MD, FACS	no disclosure
Deborah A. Nagle, MD, FACS	no disclosure
Amy B. Reed, MD, FACS	no disclosure
<i>Ex-Officios:</i>	
Michael T. Longaker, MD, FACS	Neodyne Bioscience: equity: founder; Tautona Group: equity: founder
Tonia M. Young-Fadok, MD, FACS	no disclosure
<i>Consultants:</i>	
Robert R. Bahnson, MD, FACS	Aveo Pharmaceuticals: support of clinical trial (no personal \$\$): investigator, clinical trial
Barbara L. Bass, MD, FACS	no disclosure
Ronald V. Maier, MD, FACS	no disclosure
William D. Spotnitz, MD, FACS	Baxter: consulting fees: consultant; Bayer: consulting fees: consultant; Biom'Up: consulting fees: consultant; Covidien: consulting fees: consultant; Cubist: consulting fees: consultant; Ethicon/J&J: consulting fees: consultant; Grifols: consulting fees: consultant; Lifebond: consulting fees: consultant; Luna Innovations: consulting fees: consultant; Medafor: consulting fees: consultant; Neomend: consulting fees: consultant; Profibrix: consulting fees: consultant; SEALantis: consulting fees: consultant; Zymogenetics/BMS: consulting fees: consultant

Speaker Disclosures

Full Name	Disclosure	Session Code
Geylor Acosta, MD	Gore: Grant, Speaker Fee for an author: Research Fellow in the same lab; Ethicon: Grant, Speaker Fee for the PI: Research Fellow to the PI/senior author; Olympus: Grant, Consulting Fee to the PI/senior author: Research fellow to the PI/senior author	VE03, VE07
Arnold P. Advincula, MD, FACS, FACOG	Surgique: Fees: Consultant; Cooper Surgical: Fees & Royalties: Consultant & Inventor; Intuitive Surgical: Fees: Consultant; Ethicon Women's Health & Urology: Fees: Consultant	PS113
Santosh J. Agarwal, MS	Covidien: Salary, Shares: Employee	PP06
Sadaf S. Ahanchi, MD	Jean Panneton, MD contributing author is: a consultant and on the speaker bureau for: Sprectanetics and Medtronic	VE22
Sam S. Ahn, MD, FACS	CEO/Founder of VMA: Major Stockholder: CEO/Founder	PS130
Gorav Ailawadi, MD, FACS	Sorin: Honorarium: Speaker; Edwards: Honorarium, Modest: Speaker, Advisor; Abbott Vascular: Honorarium, Modest: Speaker, Advisor	PS109, SF04, SF16
Matthew R. Albert, MD, FACS, FASCRS	Covidien: Honorarium: Speaker; Applied Medical: Honorarium, Stock Options: Speaker, Consultant	SC09A
Luciano Antozzi, MD	Ethicon: Grant, Speaker Fee for the PI/senior author: Research Fellow to the PI/Senior author	VE25
Christopher E. Attinger, MD, FACS	KCI: Discontinued Jan 1, 2012: Consultant; Smith & Nephew: Discontinued Jan 1, 2012: Consultant	PG14
Charlotte E. Anyan, MD, PhD, FACS	Bristol Myers Squibb: Advisory Board: Advisory Board	PS328
Michael M. Awad, MD, FACS	Intuitive Surgical, Inc.: Ergonomics in Robotics Research Grant: Principle Investigator	SF27
Frank A. Baciewicz, Jr., MD, FACS	I have presented my experience with Sternal Fixation devices including the KLS Martin talon at dinner symposia sponsored by KLS Martin.: Speaker Honorarium: Speaker for KLS Martin	VE04
Edward M. Barksdale, MD, FACS	Abbott: Honoraria (not for this event): Speakers Bureau; Nestles: Honoraria (not for this event): Speakers Bureau	SF26
Daniel A. Barocas, MD, MPH	Bayer: Honorarium: Ad board participant; Jannsen: Honorarium: Ad board participant; Allergan: Consultation Fee: Consultant; Astellas: Honorarium: Ad board participant; GE Healthcare: Honorarium/Consultation fee: Ad board participant/Consultant	PS121, SF19
Kfir Ben-David, MD, FACS	Ethicon: Grant Support: Researcher/Consultant	PS401
Parag Bhanot, MD, FACS	LifeCell: Honorarium: Speaker	SP20
Robin L. Blackstone, MD, FACS, FASMBBS	Enteromedics: Payment goes directly to the hospital where I am employed: PI multicenter trial; Ethicon Endosurgery: Reimbursement for work performed: Consulting/Speakers Bureau	PS403, TH09, VE25
Xavier Bourges, PhD	I am employee of Covidien: My Salary: R&D Senior Scientist	PP02
Robin P. Boushey, MD, PhD, CIP, FRCSC	Covidien Canada: Honorarium: Teaching Laparoscopic Colectomy Course in 2011	SC09B
Laurent Bresler	Intuitive Surgical: Honorarium: Proctor in robotic surgery	SC12A
L. Michael Brunt, MD, FACS	LifeCell: Honoraria: Speaker; Ethicon Endo Surgery: Honoraria: Speaker	PS112, PS406, VE07, VE14
Christina E. Buckley, MB, BCH, BAO	My position as a research fellow is sponsored by a research grant given to RCSI, Dublin by Covidien. It pays for my salary and materials I use for the purpose of my research.: Grant: Research Fellow	SF11
Eileen M. Bulger, MD, FACS	Merck: Honoraria: Previously served on speakers bureau	ME207
Charles E. Butler, MD, FACS	LifeCell Corp.: Honorarium: Consultant	PS223
William J. Catalona, MD, FACS	OHMX: Research Support and Royalties: Consultant and research participant; Nanosphere: Nothing: Consultant and research participant; deCODE genetics: Research Support: Consultant and research participant; Beckman Coulter, Inc.: Honoria and Past Research Support: Speaker, Consultant and research participant	ME306, PS121
Bradley J. Champagne, MD, FACS, FASCRS	Covidien: Honorarium: Teach Lx Colon Courses	PS314, VE20
Howard R. Champion, MD, FACS	SimQuest, LLC: Employer: Chief Executive Officer	PS236
Bipan Chand, MD, FACS, FASMBBS, FASGE	Gore: Honoraria: Consultant; Covidien: Honoraria: Consultant; Hour-Glass: Shares: Consultant; Apollo Surgery: Honoraria: Consultant; Ethicon Endo-Surgery: Honoraria: Consultant	PP02, SC03A, SC03B
Chris S. Cobourn, MD, FRCSC	Consultant - Allergan Inc: Consultant Fees, Travel Reimbursement: Consultant	PP09
Alisa M. Coker, MD	Intuitive Surgical: Grant, Consultant and Speaker Fees to my PI/senior author: Research Fellow for the PI; Olympus: Speaker and Consulting Fees to the PI/senior author: Research Fellow for the PI/senior author	VE02, VE03, VE21
Anthony J. Comerota, MD, FACS, FACC	BMS: Consultant Fee: Consultant; Cook: Consultant Fee: Consultant; Covidien: Consultant Fee: Consultant	PG22
John V. Conte, MD, FACS	Thoratec: Research Support: Researcher; Heartware: Research Support: Researcher	SF30
Bryan A. Cotton, MD, MPH, FACS	Haemonetics Corporation (Braintree, MA): Research Grant for an Investigator-initiated, multi-center study evaluating the use of thrombelastography in severely injured patients trial: Principal Investigator	PG17, SF10

Full Name	Disclosure	Session Code
T. Forcht Dagl, MD, MPH, MTS, DMedSc, FAANS	Masimo, Inc.: Consulting Fees: Consulted on the clinical utility of continuous and spot haemoglobin monitor	PS321
Timothy A. Damron, MD, FACS	eMedicine: Royalties: Editorial Board Member; Stryker, Inc.: Research Support: Local Site Clinical Trial Principal Investigator; Orthovita, Inc.: Research Support: Investigator-Initiated Research Principal Investigator; Wright Medical, Inc.: Research Support: Investigator-Initiated Research Principal Investigator; Journal of Surgical Oncology: Nothing: Editorial Board Member; Lippincott, Williams & Wilkins: Royalties: Editor of Book	SF17
Giovanni Dapri, MD, FACS, FASMBS	Karl Storz - Endoskope, Tuttlingen, Germany: Consulting Fee: Consultant	VE03, VE15
Bradley R. Davis, MD, FACS, FASCRS	Consultant Ethicon Endo-Surgery Inc: Honoraria: Course Instructor	SC09A
Ronald P. DeMatteo, MD, FACS	Novartis: Honorarium: Consultant	PS220
Justin B. Dimick, MD, MPH, FACS	ArborMetrix, Inc: Equity Interest and Consulting Fees: Founder	SP03
Frederick M. Dirbas, MD, FACS	Hologic: Own Stock: Own stock. No difference from last year; Cianna Medical, Inc: Own Stock: Own stock. No difference from last year	PG20-1
Takayuki Dotai, MD	Ethicon: Grant, Speaker Fee for the PI/Senior author: Research fellow to the PI/Senior author; Olympus: Grant, Consulting, and Speaker Fee for the PI/senior author: Research Fellow to the PI/Senior author	VE03
Brian J. Dunkin, MD, FACS	Olympus: Honorarium: Speaker; Covidien: Honorarium: Speaker; Boston Scientific: Honorarium: Speaker	SC03A, SC03B, SC06
Soumitra R. Eachempati, MD, FACS	Cubist: Honoraria: Speaker; Pfizer: Honoraria: Speaker; Astellas: Honoraria: Speaker	SP15
David B. Earle, MD, FACS	Ethicon: Honorarium: Teaching; Covidien: Honoraria, Consulting Fees: Teaching, Consulting	VE14
Burton L. Eisenberg, MD, FACS	Novartis Advisory Board: Honorarium: Speaker	PS220
Christian W. Ertl, MD, FACS	Hanger Clinic: Grant for Educational Development: Consultant	VE10
Linda M. Farkas, MD, FACS, FASCRS	Salix: Consultant	ME308
Christine Ren Fielding, MD, FACS	Allergan: Research Grant: Investigator	PS312
Yuman Fong, MD, FACS	Ethicon: Consultant's Fee: Consultant; Perfint: Consultant's Fee: Consultant; Covidien: Consultant's Fee: Consultant	PS210, PS226
Morris E. Franklin, MD, FACS	KCI: Consulting Fee: Consultant; Atrium: Consulting Fee: Consultant; Ethicon: Consulting Fee: Consultant and Speaker Bureau; Striker: Consulting Fee: Consultant, Advisory Board; Covidien: Grant/Research Support: Consultant and Speaker Bureau; W.L. Gore & Associates: Grant/Research Support: Consultant and Speaker Bureau	PP10, PS102, SC09A
Donald E. Fry, MD, FACS	Merck: Honoraria: Speaker; Ethicon: Honoraria: Speaker and Consultant; Forest Pharmaceuticals: Honoraria: Consultant	PS302, PS308
Michel Gagner, MD, FACS	MID: Honorarium: Speaker; Gore: Honorarium: Speaker; Ethicon: Honorarium: Speaker; Covidien: Honorarium: Speaker	PP09
Susan Galandiuk, MD, FACS	Investigator Humira Registry Abbott: University of Louisville Research Foundation Grant Support: Investigator	PS319
Carlos A. Galvani, MD	Intuitive Surgical: Proctor	VE23, VE25
Manoel G. Neto, MD	Endostim: Research Support Fee: Research support	VE03
Alejandro Gandsas, MD, FACS	INTOUCH HEALTH (robot company): Stock Options in 2008: Advisory Board	PS305
Antonios P. Gasparis, MD, FACS	Cook: Honorarium: Speaker; Covidien: Consultant Fee/Honorarium: Consultant/Speaker; Vascular Insights: Consulting Fee: Research Consultant	PS301
Atul A. Gawande, MD, MPH, FACS	Multiple Publishers: Royalties: Author of books and essays on health care	NL05, PS110, PS309, SF23
David A. Geller, MD, FACS	Covidien: Honorarium for Lecture: Consultant; Medtronic: Honorarium for Lecture: Consultant; Pathfinder Therapeutics: Clinical Research Grant Support: Site PI on clinical trial	ME214, PS210, SF05
Keith S. Gersin, MD, FACS	WL Gore: Consultant Fee: Consultant; GI Dynamics Inc: Consultant Fee, Stock Holder: Medical director	VE21
Thomas W. Gilbert, PhD	ACell, Inc.: Salary: Vice-President of Research & Development	SF07
Matthew I. Goldblatt, MD, FACS	WL Gore: Research Funding: Co-investigator	PG20-1, VE23
Stephen E. Goldstone, MD, FACS	Qiagen: Grant and Fees: Investigator, Speaker; Merck and Co: Grants and Fees: Investigator, Speaker, Consultant	PG19
Vicente H. Gracias, MD, FACS	SGS: Fee: Consultant; Synthes: Grant: Research, Honoraria	PS313, PS318
Bruce L. Hall, MD, PhD, FACS	ACS NSQIP (not for profit) Associate Director: Consultant Fee: Consultant	PS308, SP09
Paul D. Hansen, MD, FACS	Pathfinder: Research Grant: PI on research project; AngioDynamics: Hourly Reimbursement: Data Safety Monitoring Board for Pancreatic Irreversible Electroporation	SC10
William J. Harb, MD, FACS	Genomic Health: Honoraria: Speaker; Myriad Genetics: Honoraria: Speaker	PS324
Michael R. Harrison, MD, FACS	Magnets-In-Me, LLC: Equity only: Founder; Inventor on UCSF patents: 0: potential royalties	NL01, PS101
Elliott R. Haut, MD, FACS	Lippincott, Williams, Wilkins: Book Royalties for "Avoiding Common ICU Errors": Book Editor	PG17, PS313
R. J. Heald, OBE, MChir, FRCS	Covidien: Multiple teaching workshops around the world that they have sponsored.	NL10
Daniel O. Herzig, MD, FACS	Cubist: Honorarium: Speaker	PG19, SF01

Full Name	Disclosure	Session Code
Spiros P. Hiotis, MD, FACS	Gilead Sciences, Inc: Research Support: PI	VE11
Santiago Horgan, MD, FACS	Intuitive Surgical: Speaker	VE03
Eric S. Hungness, MD, FACS	Ethicon Endo-Surgery: Consulting Fee: Scientific advisory board	PS312
John G. Hunter, MD, FACS	EGS: Nothing: Consultant	PS128, VE14
David A. Iannitti, MD, FACS	InnerOptic: Co-investigator on research grant	SC10
Sayeed Ikramuddin, MD, FACS	Honoraria: Proctor Realize band Ethicon Endosurgery; Grant Support for Research: Covidien: Recipient	PS312
Kendra N. Iskander, MD, MPH	Genzyme: Lab received partial financial support for animal and reagent costs: Performed the studies	PP21
Kamal M. F. Itani, MD, FACS	LifeCell: Research Grant to institution: Investigator	PS221
Lowell S. Kabnick, MD, FACS, FAPh	Angiodynamics: Consultant; Angiodynamics: Shareholder; Angiodynamics: Royalties: Royalties; Vascular Insights: Scientific Advisory Board	PS301
Kent W. Kercher, MD, FACS	Bard: Honorarium: Speaker; Ethicon: Honorarium: Speaker	VE20
Gabriel M. Kind, MD, FACS	Allergan: Investigator Support: Investigator in multi-center study; LifeCell Corporation: Speaker's Fees: Speaker	PG21
John P. Kirby, MD, FCCWS, FACS	Cook, Inc: Travel arrangements St. Louis to Indiana: Review potential research projects; LifeCell, Inc: Travel arrangements St. Louis to Chicago: Review potential research projects; Kensey Nash, Inc: Research Funding: Preliminary research project development; Neumedicines, Inc: Research Funding: Preliminary research project development	PS318
Eric L. Laborde, MD	AMS: Consulting Fee: Consultant	SF12
Lawrence A. Lavery, DPM, MPH	KCI: Speakers Bureau; onvatec: PI/Consultant; National Healing: Advisory Board; CADvance BioHealing: Speakers' Bureau; Integra LifeSciences: PI/Consultant	PG14
W. Anthony Lee, MD, FACS	Cook Medical: Grants, Consulting Fees, Honoraria: Consultant, Speakers Bureau; Bolton Medical: Consulting Fees, Honoraria: Consultant, Speakers Bureau	VE22
S. Chris Malaisrie, MD, FACS	Edwards: Honoraria: Consultant	PS109, SF30
Gregory J. Mancini, MD, FACS	Covidien: Honorarium: Educational Consultant; LifeCell: Honorarium: Educational Consultant	VE23
Peter W. Marcello, MD, FACS, FASCRS	Olympus: Honorarium: Consultant; Covidien: Honorarium: Consultant; Applied Medical: Honorarium: Consultant	SC06
Jeffrey M. Marks, MD, FACS	Ethicon: Honoraria: Consultant; Olympus: Honoraria: Consultant; WL Gore: Honoraria: Consultant; Covidien: Honoraria: Consultant; Boston Scientific: Honoraria: Consultant; Apollo Endosurgery: Honoraria: Advisory Board	SC03A, SC03B, SC06, VE03, VE20, VE21
Jose M. Martinez, MD, FACS	Olympus: Honorarium: Consultant; LifeCell: Honorarium: Consultant; Boston Scientific: Honorarium: Consultant	PS131, SC03A, SC03B
Brent D. Matthews, MD, FACS	WL Gore: Honorarium/Research Grant: Speaking and teaching/investigator; Atrium Medical, Inc: Salary: Consultant; Johnson and Johnson: Honorarium/Research Grant: Speaking and teaching/investigator	VE06, VE20
Catherine A. Matthews, MD, FACOG, FACS	AMS: Honorarium: Consultant; Intuitive Surgical: Honorarium: Consultant	PS227
Edwin C. McGee, MD, FACS	HeartWare Inc.: Consultant	SF30
Kevin T. McVary, MD, FACS	GSK: Research Grant, Honorarium: Investigator, Consultant, Speaker; Eli Lilly: Research Grant, Honorarium: Investigator, Consultant, Speaker	PS329
Anders Mellgren, MD, FACS	Oceana: Honorarium, Reserach Support: Consultant, Investigator; Tsumura: Research Support: Investigator; Medtronic: Honorarium: Consultant, Instructor; Uroplasty: Honorarium, Research Support: Consultant, Research Support; American Medical Systems: Research Support: Investigator	ME118, PG19
Nipun B. Merchant, MD, FACS	Covidien: Honorarium: Speaker; Medtronic: Honorarium: Speaker; Biocompatibles Inc.: Consultant Fee: Advisory Board	PS218, SF13, SF20
Dean J. Mikami, MD, FACS	Covidien: Honorarium: Teaching, research funding, advisor; W.L. Gore: Honorarium: Advisor; Boston Scientific: None: Advisor	VE23
David J. Minion, MD, FACS	WL Gore: Consulting Fees/Honoraria as a Teacher/Consultant	VE22
Kenric M. Murayama, MD, FACS	Covidien, Inc.: Honorarium: Speaker/Proctor	VE06
Michel M. Murr, MD, FACS	Covidien: Unrestricted Educational Grants: Principal Investigator	PS228
Matthew G. Mutch, MD, FACS	Applied Medical: Consultant	SC09A
Richard F. Neville, MD, FACS	WL Gore: Speakers Bureau: nothing, contribution made to Heart and Vascular Institute	PG22
Farr R. Nezhat, MD, FACOG, FACS	Genzyme: Consultant (Speaking Engagement); Plasma Surgical: Speaking Engagement	VE12
Steven J. Nurkin	Bitwise Analytics: Financial Compensation: Medical Consultant	PP06, PP12
Dennis P. Orgill, MD, PhD, FACS	LifeCell Corp.: \$4,500: Consultant; Kinetic Concepts, Inc: \$2,400: Consultant, Speaker Services; Integra LifeSciences, Inc.: \$625.00: Consultant, Speaker Services	SF25
Jean M. Panneton, MD, FACS, FRCSC	Volcano: Honorarium: Consultant and Speakers Bureau; Medtronic: Honorarium: Consultant and Speakers Bureau	PG22
Timothy M. Pawlik, MD, MPH, PhD, FACS	Integra: Consultant; Therapure: Consultant	PS104, PS116, SF15, SF20

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Full Name	Disclosure	Session Code
Eric K. Peden, MD	Proteon: Honorarium: Speaker; Hemosphere: Honorarium: Speaker; American Venous Forum: Honorarium: Speaker; W.L. Gore & Associates: Honorarium: Speaker; Lifeline Vascular Access: Honorarium: Speaker; Complete Conference Management (CiDA): Honorarium: Speaker	PS219
Edouard P. Pelissier, MD, FACS	BARD DAVOL: Royalties: Inventor of the Polysoft Patch. Patent agreement	VE23
Michael S. Pinzur, MD, FAAOS	Biomimetics: Honoraria and Consulting Fees: Consultant and Lecturer; Smith-Nephew: Honoraria: Lecturer; Small Bone Innovations: Honoraria and Consulting Fees: Consultant and Lecturer	PG14
Jeffrey L. Ponsky, MD, FACS	US Endoscopy: Consulting Fee: Consultant	PS203, SC03B, VE17
Dana D. Portenier, MD, FACS	Gore: Nothing: Educational Grant; Allergan: Money: Proctor/Research Grant; Covidien: Money: Proctor/Research Grant; Teleflex: Money: Consultant; Virtual Port: Have stock options but own no stock with no intention to purchase: Advisory Board	PS312, VE06
Leela M. Prasad, MD, FACS, FRCS (Edin) FRC	I am a Consultant for Intuitive Surgical	PS113
James Quinn, MD, FACEP	Optmed: Consulting Fees and Stock: Medical Advisory Board; Sapheon: Stock: Medical Advisory Board; Chemence Medical Products Inc.: Commissions from previous product development: Former Consultant	PS127
Janice F. Rafferty, MD, FACS, FASCRS	AMS: Honoraria: Educator; Ethicon: Honoraria: Consultant; LifeCell: Honoraria: Speaker	PG19
Archana Ramaswamy, MD, FACS, FRCS	Covidien: Honorarium: Teaching	PS221, VE07
Chandrajit P. Raut, MD, MSc, FACS	Novartis: Honorarium:	PS220, SF04
Joseph J. Ricotta II, MD, FACS	Cook Medical: Consultant; Medtronic Inc.: Consultant, Scientific Advisory Board; W.L. Gore Medical: Consultant	VE22
Thomas N. Robinson, MD, FACS	Covidien: Honoraria: Electrosurgery Instructor/Teacher; Medtronic, Inc.: Research Grant: Principal Investigator; Karl Storz Endoscopy: Educational Grant: Principal Investigator; ConMed Electrosurgery: Honoraria: Electrosurgery Instructor/Teacher	PS213, PS406, SF09
Mark Robson, MD	Bayer: Honorarium: Advisory Board; Astra-Zeneca: Research Support: Local principal investigator; Abbott Pharmaceuticals: Research Support: Local principal investigator	PS405
Michael J. Rosen, MD, FACS	Davol: Honorarium: Speaker; LifeCell: Honorarium: Speaker; W.L. Gore: Research Grant: Research	PP02, PS223, VE20
Ronnie A. Rosenthal, MD, FACS	Springer Inc- publisher: Royalties (minimal): Editor of a textbook	SF09
Mitchell S. Roslin, MD, FACS	EES: Payment: Consultant; ValentX: Options: SAB; Covidien: Payment: Consultant; Covidien: Research Grant: Principal Investigator, no salary; surgique: options: SAB	VE25
Marilyn A. Roubidoux, MD	GE Medical Systems: GE Grant to University of Michigan Department of Radiology: Reader in tomosynthesis study dated October 2010–March 2011	PS230
Timur P. Sarac, MD, FACS	Oeritec Biosciences: Royalties: Founder	PS100
Richard M. Satava, MD, FACS	Covidien Inc: Honorarium: Speaker; Lockheed Martin Corp: Grant Funding: Principal Investigator; Ethicon Endosurgery Inc: Honorarium: Speaker; Intuitive Surgical, Inc: Grant Funding: Principal Investigator; InTouch Technologies, Inc: Stock: Advisory Board Member; Karl Storz Endoscopy Gbmh: Consultant Fee: Consultant	PS210, PS236, PS406
Bruce D. Schirmer, MD, FACS	Allurion Inc: Stock: Medical Advisory Board	PS403
Michael A. Schweitzer, MD, FACS	Covidien: Educational funds for my university account: Educator for surgeons. Less than \$3000; Enteromedics: Research Study Grant: PI on a multicenter study	PP09, SF23
Vadim Sherman, MD, FACS, FRCS	Covidien: Honorarium: Consultant/Speaker	SP03
Danny A. Sherwinter, MD, FACS	Novadaq: Honoraria: Advisory Board Member	PP22, SF01
James Siatras, DO	Laparoscopic course instructor for PYG2 &PGY3 residents at Ethicon: Honorarium: Instructor	VE07
Smita Sihag, MD, MPH	Decimmune Therapeutics: Consulting fees on an hourly rate going forward for future work. Have received nothing to date: Consultant	SF04
J. Marc Simard, MD, PhD, FACS	US patent (# 7,285,574), Remedy Pharmaceuticals: No support, direct or indirect: Dr. Simard holds a US patent (# 7,285,574), "A novel non-selective cation channel in neural cells and methods for treating brain swelling", and is a member of the scientific advisory board and holds shares in Remedy Pharmaceuticals. No support, direct or indirect, was provided to Dr. Simard, or for this project, by Remedy Pharmaceuticals.	PS234
Baljit Singh, BA, BM BCh, MA, FRCS, DPhil, FACS	Consulting agreement with LifeCell: Financial (honorarium): Lecturer at LifeCell symposiums and on Safety Board; Investigator initiated trial (IIT) submitted to Lifecell: Research Funding (under consideration): I am the principal investigator for the study which has been submitted for financial support	VE02
Christopher L. Skelly, MD, FACS	Co-Founder Maji Therapeutics: Stock: Founder	SF28
Ponnandai S. Somasundar, MB, BS, FACS	Speaker for Cook Biotech	PP02
Giuseppe Spinoglio	Honoraria for speaking and teaching INTUITIVE SURGICAL: \$5000: Consultant	PP02, SC12A
William D. Spotnitz, MD, FACS	See disclosure listing on page 180	PS127
Steven C. Stain, MD, FACS	United Health Care GI Scientific Advisory Board: Consulting Fee: Advisory Board Member	SP03

Full Name	Disclosure	Session Code
Michael J. Stamos, MD, FACS	Niti Surgical: Honorarium: Consultant, Speaker; Ethicon Biosurgery: Research Grants, Honorarium: Investigator, Consultant	PS228
Benjamin W. Starnes, MD, FACS	Intellectual Property: Nothing to date: Inventor	ME216, PG22, PS225
Scott R. Steele, MD, FACS, FASCRS	Applied Medical: Honoraria: Taught courses of laparoscopic colectomy; Ethicon Endo-Surgery: Honoraria: Teaching laparoscopic colectomy courses	PG19, SC09A, VE02
Scott L. Stevens, MD	EV3: \$8,750.00: Speaker; Gore: \$5,500.00: Speaker	VE22
Lee L. Swanstrom, MD, FACS	Olympus: Research/Education Support: Investigator; Boston Scientific: Consulting Fees: Consultant/Investigator	SC03A, SC03B
David J. Terris, MD, FACS	Johnson & Johnson: Honorarium: Director, Thyroid Course	ME307, PS326
Vinod H. Thourani, MD, FACS	Directflow: <\$10,000: Advisory Board; Sorin Medical: <\$10,000: Advisory Board; St Jude Medical: <\$10,000: Advisory Board; Apica Cardiovascular: <\$10,000: IP, Co-founder of company; Edwards Lifesciences: <\$10,000: Research, Advisory Board	PS109, SF16
Alfonso Torquati, MD, FACS	Allergan: Honaria: Advisory Board; Covidien: Honoraria: Courses	VE25
Thadeus L. Trus, MD	Olympus: Honorarium: Consultant	SC03A, SC03B
Andrew R. Watson, MD, FACS	Center for Connected Medicine	SC07
Jason A. Wertheim, MD	Cellular Dynamics International: Reimbursement for research related travel: None. I have no official or contractual role with this company	SF07
Hunter B. Wessells, MD, FACS	PNN MEDical: Research Support: Principal Investigator of Trial	SF12
Steven D. Wexner, MD, FACS	LifeCell: Honorarium: Advisor	ME212, PS223, VE02
Richard L. Whelan, MD, FACS	Olympus Corporation: Speaking Honorarium, Educational Grant for Investigator Initiated Study; Speakers Bureau, Principal investigator for investigator initiated clinical study	SC06, VE17
Erik B. Wilson, MD, FACS	Intuitive Surgical: Consultant; Ethicon Endo-Surgery: Grant/Research Support	PS203
Randall D. Wolcott, MD	Pathogenius, LLC: N/A: Stockholder/Board Member; Pathogenius, LLC: Nothing Monetary: Equity Ownership"	PG14

Committees

Program Committee of the American College of Surgeons

Responsible for planning and implementing the continuing education offerings of the College, primarily the Postgraduate Courses, sessions, and symposia at the annual Clinical Congress. In addition to its 12-member committee, more than 30 liaison members represent the various disciplines and groups in surgery.

CHAIR: Valerie W. Rusch, MD, FACS, *New York, NY*
VICE-CHAIR: David M. Mahvi, MD, FACS, *Chicago, IL*

MEMBERS:

William G. Cioffi, Jr., MD, FACS, *Providence, RI*
Craig S. Derkay, MD, FACS, *Norfolk, VA*
Quan-Yang Duh, MD, FACS, *San Francisco, CA*
Henri R. Ford, MD, FACS, *Los Angeles, CA*
David R. Jones, MD, FACS, *Charlottesville, VA*
Fabrizio Michelassi, MD, FACS, *New York, NY*
Deborah A. Nagle, MD, FACS, *Boston, MA*
Amy B. Reed, MD, FACS, *Hershey, PA*

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Michael T. Longaker, MD, FACS, *Stanford, CA*
Tonia M. Young-Fadok, MD, FACS, *Phoenix, AZ*

CONSULTANTS:

Robert R. Bahnson, MD, FACS, *Columbus, OH*
Barbara L. Bass, MD, FACS, *Houston, TX*
Ronald V. Maier, MD, FACS, *Seattle, WA*
William D. Spotnitz, MD, FACS, *Gainesville, FL*

LIAISONS:

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Standing Committees of the American College of Surgeons

Commission on Cancer

Established by the American College of Surgeons in 1922, the multidisciplinary Commission on Cancer (CoC) establishes standards to ensure quality, multi-disciplinary, and comprehensive cancer care delivery in health care settings; conducts surveys in health care settings to assess compliance with those standards; collects standardized data from CoC-accredited health care settings to measure cancer care quality; uses data to monitor treatment patterns and outcomes and enhance cancer control and clinical surveillance activities, and develops effective educational interventions to improve cancer prevention, early detection, cancer care delivery, and outcomes in health care settings. Commission membership is comprised of 100 individuals who are either surgeons representing the College or member organization representatives from the 50 national, professional organizations affiliated with the Commission. The activities of the Commission are coordinated through the Accreditation, Cancer Liaison, Education, Executive, Member Organization Steering, and Quality Integration committees.

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Accreditation of Education Institutions

The aim of the American College of Surgeons Program for Accreditation of Education Institutes is to identify, develop, and promote standards for quality education in order to: 1) Support the efforts of surgeons, residents, medical students, and other members of the surgical team in their continuing professional development efforts; 2) Help surgeons, residents, medical students, and other members of the surgical team acquire and maintain their knowledge and skills in surgery; 3) advance the science of surgery education; 4) create a system of support for the delivery of state-of-the-art education at regional training centers; 5) and promote patient safety through education.

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Committee on Allied Health Professionals

Charge: To comprehensively address the educational needs of allied health professionals as members of surgical teams, to educate surgeons regarding the role of allied health professionals, to support and assist allied health professionals involved in surgical care, to participate in defining duties of allied health professionals and to assist with the process of accreditation of their respective educational programs.

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Comprehensive Communications Committee

The Comprehensive Communications Committee helps formulate communications messaging to target the existing and evolving audiences that the College needs to reach. These audiences include our members, the public-at-large, policymakers, major corporations, the health care industry, and so on. The members of the committee provide input regarding all communication tools (print, Web, blast e-mail, video, social media). One of the main goals of this effort is to achieve consistent messaging for all College programs and initiatives, such as ATLS®, CoC, ACS NSQIP®, health policy and advocacy, the Inspiring Quality initiative, and other ACS programs.

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Committee on Continuous Professional Development

Mission: To comprehensively address the educational needs of practicing surgeons in both academic and community-based settings, across the surgical disciplines and throughout the different career stages, from the junior- to senior-level surgeon.

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Committee on Diversity Issues

The mission of the Committee on Diversity Issues is to study the educational and professional needs of underrepresented surgeons and surgical trainees and the impact that its work may have on the elimination of health disparities among diverse population groups. To this end, the committee seeks recognition and support from the ACS through the College's mission policies and programs.

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Mission: To comprehensively address the educational needs of practicing surgeons in both academic and community-based settings, across the surgical disciplines and throughout the different career stages, from the junior- to senior-level surgeon.

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Committee on Emerging Surgical Technology and Education

Mission: To improve the care of surgical patients by actively identifying and tracking innovations, evaluating their surgical potential, and promoting their safe and effective adoption.

Vision: To respond to emerging surgical technologies by evaluating their appropriateness; establishing educational processes for achieving, maintaining and verifying competence in these technologies; and fostering liaisons with societies, certifying bodies, and organizations engaged in these new technologies.

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Committee on Ethics

To provide the Board of Regents with a means for deliberation and preparation of ethical issues that the College may address.

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Charge: to select abstracts for the Forum on Fundamental Surgical Problems.

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Formerly called the CPT/RUC Committee, this committee represents and acts in the interests of General Surgeons and their clinical practices regarding regulatory,

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Health Policy Advisory Council

The Health Policy Advisory Council (HPAC) is responsible for fostering an extensive grassroots advocacy network throughout the Fellowship of the College. Councilors are expected to develop expertise on legislative, political, and regulatory issues in order to serve as a two-way communication pathway between Fellows at-large and the Division of Advocacy and Health Policy, and to mentor future members of other health care committees.

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 Albert Kwan, MD, FACS, *Clovis, NM*
 John C. Mayberry, MD, FACS, *Portland, OR*
 Leonard J. Weireter, MD, FACS, *Norfolk, VA*

MEMBERS:

Juan A. Asensio-Gonzalez, MD, FACS, *Miami, FL*
 Brendan T. Campbell, MD, FACS, *Hartford, CT*
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 William Doscher, MD, FACS, *New Hyde Park, NY*

James E. Foster, MD, FACS, *Roanoke, VA*
 Dinakar Golla, MD, FACS, *Pittsburgh, PA*
 Rajan Gupta, MD, FACS, *Lebanon, NH*
 David T. Harrington, MD, FACS, *Providence, RI*
 Kenneth B. Jones, MD, FACS, *Jonesboro, AR*
 John T. Langell, MD, FACS, *Salt Lake City, UT*
 Peter T. Masiakos, MD, FACS, *Boston, MA*
 Brian E. O'Byrne, MD, FACS, *Idaho Falls, ID*
 Niranjana V. Rao, MD, FACS, *New Brunswick, NJ*
 Juan A. Sanchez, MD, FACS, *Waterbury, CT*
 Keith J. Thomas, MD, FACS, *John Day, OR*
 Robert J. Winchell, MD, FACS, *Portland, ME*

STAFF LIAISONS:

John Hedstrom, JD
 Catharine Harris

Health Policy and Advocacy Group

The purpose of the Health Policy and Advocacy Group is:

- *Identify public policy issues and concerns affecting surgeons and our patients.*
- *Prioritize these issues and concerns, identify those on which the American College of Surgeons should focus its attention and resources, and recommend these priorities to the Board of Regents.*
- *Develop action plans for addressing these issues, including recommending positions and initiatives the College should adopt.*
- *Expand and monitor mechanisms by which the American College of Surgeons makes surgeons, our patients, and the public aware of our health policies and agendas.*
- *Develop and maintain mechanisms by which legislative and regulatory issues can be addressed in a timely and effective manner.*

CHAIR: Andrew L. Warshaw, MD, FACS, *Boston, MA*
 VICE-CHAIR: Michael J. Zinner, MD, FACS, *Boston, MA*

MEMBERS:

John H. Armstrong, MD, FACS, *Ocala, FL*
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 H. Randolph Bailey, MD, FACS, *Houston, TX*
 James K. Elsey, MD, FACS, *Lawrenceville, GA*
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 John G. Meara, MD, FACS, *Boston, MA*
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 Hugh E. Scully, MD, FACS, *Toronto, ON*
 Howard M. Snyder III, MD, FACS, *Philadelphia, PA*

STAFF LIAISONS:

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 Frank Opelka, MD, FACS, *River Ridge, LA*
 Christian Shalgian, *Washington, DC*
 Bob Jasak, *Washington, DC*
 John Hedstrom, JD, *Washington, DC*

Committee on Informatics

Mission: To assist in the definition and implementation of information technology to improve all activities of the College. Furthermore, the committee will serve as

a resource to advise the College on local and national health care information technology policies and legislation.

CHAIR: Gretchen P. Jackson, MD, FACS, *Nashville, TN*

MEMBERS:

Samir M. Fakhry, MD, FACS, *Charleston, SC*
 Daniel M. Herron, MD, FACS, *New York, NY*
 David R. Hunt, MD, FACS, *Hyattsville, MD*
 Genevieve B. Melton-Meaux, MD, FACS, *Minneapolis, MN*
 Allan Okrainec, MD, FACS, *Toronto, ON*
 Carla M. Pugh, MD, FACS, *Madison, WI*
 Steven D. Schwaartzberg, MD, FACS, *Cambridge, MA*
 Carter T. Smith, MD, *Madison, WI*
 Erik G. Van Eaton, MD, FACS, *Seattle, WA*
 Andrew R. Watson, MD, FACS, *Pittsburgh, PA*
 Mark C. Weissler, MD, FACS, *Chapel Hill, NC*
 Michael W. Yeh, MD, FACS, *Los Angeles, CA*

STAFF LIAISONS:

Howard Tanzman, *Chicago, IL*
 Patti Anderson, *Chicago, IL*

International Relations Committee

To promote relationships between the College and surgeons throughout the world in the areas of clinical practice, education, and research in order to provide a basis for optimal health care delivery.

CHAIR: Stephen A. Deane, MB, BS, FACS, *Fennell Bay, NSW, Australia*

VICE-CHAIR: Jamal J. Hoballah, MD, FACS, *Hamra, Beirut*

MEMBERS:

Adeyinka C. Adisa, MB, BS, FACS, *Uturu, Abia State, Nigeria*
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 Herbert Chen, MD, FACS, *Madison, WI*
 Quyen D. Chu, MD, FACS, *Shreveport, LA*
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 Mary E. Klingensmith, MD, FACS, *St. Louis, MO*
 Rifat Latifi, MD, FACS, *Doha, Qatar*
 Graham T. Layer, DM, MCh, FACS, *Cobham, England*
 Stanley P. L. Leong, MD, FACS, *San Francisco, CA*
 Chung-Mau Lo, MB, BS, FACS, *Hong Kong SAR, China*
 Jane E. Mendez, MD, FACS, *Boston, MA*
 Nicolas J. Mouawad, MD, *Columbus, OH*
 Giuseppe R. Nigri, MD, PhD, FACS, *Rome, Italy*
 Valerie W. Rusch, MD, FACS, *New York, NY*
 Loren S. Schechter, MD, FACS, *Morton Grove, IL*
 Richard D. Schulick, MD, FACS, *Aurora, CO*
 Jatin P. Shah, MD, FACS, *New York, NY*
 George Velmahos, MD, FACS, *Boston, MA*
 David R. Welling, MD, FACS, *Bethesda, MD*

STAFF LIAISONS:

Patricia L. Turner, MD, FACS, *Chicago, IL*
Kate Early, *Chicago IL*

Legislative Committee

The Legislative Committee is responsible for identifying, evaluating, and recommending positions on federal legislation and policy issues that come before the U.S. Congress with the potential to affect the needs, interests, and roles of surgeons and surgical patients.

CHAIR: John G. Meara, MD, FACS, *Boston, MA*
VICE-CHAIR: H. Randolph Bailey, MD, FACS, *Houston, TX*

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Joshua A. Broghammer, MD, FACS, *Kansas City, KS*
Steven L. Chen, MD, FACS, *Duarte, CA*
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Krista L. Kaups, MD, FACS, *Fresno, CA*
Matthew B. Martin, MD, FACS, *Greensboro, NC*
Don J. Selzer, MD, FACS, *Indianapolis, IN*

STAFF LIAISON: John Hedstrom, JD, *Washington, DC*

Committee on Medical Student Education

Charge: To address comprehensively the educational needs in surgery for medical students during all four years of medical school, to provide helpful information and guidance to medical students interested in surgical careers, to support educational efforts that facilitate the transition from medical school to residency training, to facilitate the involvement of medical students in the educational activities of the American College of Surgeons.

CHAIR: Andre R. Campbell, MD, FACS, *San Francisco, CA*
VICE-CHAIR: Celeste M. Hollands, MD, FACS, *Spanish Fort, AL*

CONSULTANTS:

L.D. Britt, MD, MPH, FACS, FCCM, FRCSEng(Hon),
FRCSEd(Hon), FWACS(Hon), *Norfolk, VA*
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Susan Steinemann, MD, FACS, *Honolulu, HI*
Stephen C. Yang, MD, FACS, *Hunt Valley, MD*

STAFF LIAISONS:

Ajit K. Sachdeva, MD, FRCSC, FACS, *Chicago, IL*
Patrice Gabler Blair, MPH, *Chicago, IL*
Kim Echert, C-TAGME, *Chicago, IL*
Krashina S. Hudson, MS, *Chicago, IL*

Operation Giving Back Advisory Council

The Operation Giving Back Advisory Council provides guidance and support to the college's efforts to facilitate engagement in all forms of surgical humanitarian outreach, both domestically and internationally, with recognition of the professional, educational, regulatory, economic, ethical, and humanitarian impacts of such activities.

CHAIR: Bruce D. Browner, MD, FACS, *Farmington, CT*
VICE-CHAIR: Andrew L. Warshaw, MD, FACS, *Boston, MA*

Benjamin Aune, *San Francisco, CA*
William A. Bernie, MD, FACS, *Cincinnati, OH*
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Julie A. Freischlag, MD, FACS, *Baltimore, MD*
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West Livaudais, Jr., MD, FACS, *Saint Paul, OR*
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Anathea C. Powell, MD, *New York, NY*
Randolph Sherman, MD, FACS, *Los Angeles, CA*
John L. Tarpley, MD, FACS, *Nashville, TN*

STAFF LIAISONS:

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Patricia L. Turner, MD, FACS, *Chicago, IL*
Kathleen M. Casey, MD, FACS, *Newport, RI*

Patient Education Committee

Mission: The American College of Surgeons Patient Education Committee works to improve the quality of patient care and promote patient safety through educational efforts that recognize patients as integral members of the surgical team. The committee's aim is to help patients and their significant others become thoroughly informed about their operation, provide evidence to guide them in their decisions, and empower them with the knowledge and skills necessary to participate in their surgical care and continued postoperative care upon discharge.

CO-CHAIR:

H. Randolph Bailey, MD, FACS, *Houston, TX*
Ajit K. Sachdeva, MD, FRCSC, FACS, *Chicago, IL*

HONORARY MEMBER: Jack W. McAninch, MD, FACS,
San Francisco, CA

MEMBERS:

James K. Elsey, MD, FACS, *Lawrenceville, GA*
David V. Feliciano, MD, FACS, *Atlanta, GA*
Frederick L. Greene, MD, FACS, *Charlotte, NC*
Ted A. James, MD, FACS, *Burlington, VT*
Marshall Z. Schwartz, MD, FACS, *Philadelphia, PA*
Patricia L. Turner, MD, FACS, *Chicago, IL*

RESIDENT MEMBER: Shannon L. Castle, MD, *San Diego, CA*

STAFF LIAISONS:

Patrice Gabler Blair, MPH, *Chicago, IL*
Kathleen Heneghan, RN, MSN, *Chicago, IL*
Amanda J. Bruggeman, *Chicago, IL*

Committee on Perioperative Care

The Committee on Perioperative Care is a standing committee of the College serving as the primary resource to the College, the profession, the community and the government on topics concerning perioperative care.

CHAIR: T. Forcht Dagi, MD, FACS, *Newton Centre, MA*

VICE-CHAIRS:

Mary T. Hawn, MD, FACS, *Birmingham, AL*

Douglas J. E. Schuerer, MD, FACS, *St. Louis, MO*

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Raphael Bueno, MD, FACS, *Boston, MA*

LIAISON MEMBER: Mark J. Lema, MD, PhD, DABA/PM, *Buffalo, NY*

MEMBERS:

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Amy L. Halverson, MD, FACS, *Chicago, IL*

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Cynthia Shortell, MD, FACS, *Durham, NC*

David R. Urbach, MD, MSc, FACS, *Toronto, ON*

STAFF LIAISONS:

Karen Richards, *Chicago, IL*

Rhoby Tio, *Chicago, IL*

Committee on Resident Education

To comprehensively address the educational needs of surgical residents and fellows from across the surgical disciplines and to support educational efforts to facilitate the transition from medical school to residency training and from residency training into surgical practice.

CHAIR: Gayle E. Woodson, MD, FACS, *Springfield, IL*

VICE-CHAIR: Rebecca M. Minter, MD, FACS, *Ann Arbor, MI*

MEMBERS:

Glenn T. Ault, MD, MEd, FACS, *Los Angeles, CA*

Jeannette M. Capella, MD, MEd, FACS, *Altoona, PA*

Gary J. Faerber, MD, FACS, *Ann Arbor, MI*

Griffith R. Harsh IV, MD, FACS, *Stanford, CA*

B. Todd Heniford, MD, FACS, *Charlotte, NC*

W. Thomas Lawrence, MD, FACS, *Iowa City, IA*

Thomas S. Riles, MD, FACS, *New York, NY*

Ali Salim, MD, FACS, *Los Angeles, CA*

Curtis G. Tribble, MD, FACS, *Jackson, MS*

RAS REPRESENTATIVE: Richard C. Baynosa, MD, *Las Vegas, NV*

RESIDENT MEMBERS:

Lillian M. Erdahl, MD, *Hershey, PA*

Aaron R. Jensen, MD, MEd, *Los Angeles, CA*

STAFF LIAISONS:

Ajit K. Sachdeva, MD, FACS, FRCS, *Chicago, IL*

Patrice Gabler Blair, MPH, *Chicago, IL*

Kim Echert, C-TAGME *Chicago, IL*

Cherylnn R. Sherman, *Chicago, IL*

Resident and Associate Society (RAS-ACS)

Mission: The RAS-ACS will serve to familiarize all young surgeons with the ACS and its programs and leadership, provide an avenue for participation in ACS affairs, foster development and use of leadership skills in organized surgery, and give opportunities for the opinions and concerns of young surgeons to be heard by the ACS leadership.

CHAIR: Heena P. Santry, MD, FACS, *Worcester, MA*

VICE-CHAIR: Brian J. Santin, MD, *Cincinnati, OH*

SECRETARY: Robert D. Winfield, MD, *St. Louis, MO*

EX OFFICIO: Joshua M. V. Mammen, MD, FACS, *Kansas City, KS*

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Donald W. Buck, MD, *Chicago, IL*

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Alhambra Frarey, MD, *Prairie Village, KS*

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Amy E. Liepert, MD, *Pittsburgh, PA*

Michael F. McGee, MD, *Chicago, IL*

Daniela Molena, MD, *Baltimore, MD*

Israel P. Nosnik, MD, *New York, NY*

Sangeetha Prabhakaran, MB, BS, *Wesley Chapel, FL*

Mehul V. Raval, MD, *Westerville, OH*

Joseph V. Sakran, MD, *Philadelphia, PA*

Renee Solomon, MD, *Roslyn, NY*

STAFF LIAISONS:

Patricia L. Turner, MD, FACS, *Chicago, IL*

Peg Haar, *Chicago, IL*

Scholarships Committee

To promote and administer the American College of Surgeons Research Scholarships, Fellowships, and awards.

CHAIR: Julie A. Freischlag, MD, FACS, *Baltimore, MD*

MEMBERS:

Jeffrey S. T. Barkun, MD, FACS, *Montreal, QC*

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Sareh Parangi, MD, FACS, *Boston, MA*

Ori D. Rotstein, MD, FACS, *Toronto, ON*

Hilary A. Sanfey, MB, BCh, FACS, *Springfield, IL*

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Gilbert R. Upchurch, Jr., MD, FACS, *Charlottesville, VA*

Mark C. Weissler, MD, FACS, *Chapel Hill, NC*

Michael J. Zinner, MD, FACS, *Boston, MA*

STAFF LIAISONS:

Patricia L. Turner, MD, FACS, *Chicago, IL*

Kate Early, *Chicago, IL*

SESAP® Advisory Committee

To produce and administer the Surgical Education and Self-Assessment Program (SESAP®); to aid surgeons in attaining and maintaining the high level of knowledge and understanding necessary to provide optimal patient care.

CHAIR: John A. Weigelt, MD, FACS, Milwaukee, WI

MEMBERS:

Richard M. Bell, MD, FACS, Columbia, SC
David C. Borgstrom, MD, FACS, Cooperstown, NY
Karen J. Brasel, MD, MPH, FACS, Milwaukee, WI
David A. Bull, MD, FACS, Salt Lake City, UT
Mary E. Fallat, MD, FACS, Louisville, KY
Jason B. Fleming, MD, FACS, Houston, TX
Lorrie A. Langdale, MD, FACS, Seattle, WA
Lena M. Napolitano, MD, FCCP, FCCM, FACS, Ann Arbor, MI
Robert R. Quickel, MD, FACS, Minneapolis, MN
Timothy D. Sielaff, MD, PhD, FACS, Minneapolis, MN
David A. Spain, MD, FACS, Stanford, CA
Daniel J. Vargo, MD, FACS, Salt Lake City, UT
John T. Vetto, MD, FACS, Portland, OR
Catherine M. Wittgen, MD, FACS, St. Louis, MO

STAFF LIAISONS:

Ajit K. Sachdeva, MD, FACS, FRCSC, Chicago, IL
Patrice Gabler Blair, MPH, Chicago, IL
Belinda Andry, Chicago, IL
Chrysa Cullather, Chicago, IL

Surgical Research Committee

The Surgical Research Committee is a standing committee of the College concerned with matters addressing the progress of academic surgery and the funding, content, and direction of surgical research as it pertains to improving the care of patients.

CHAIR: David R. Flum, MD, MPH, FACS, Seattle, WA
VICE-CHAIR: Gail E. Besner, MD, FACS, Columbus, OH

EXECUTIVE COMMITTEE:

Anthony Atala, MD, FACS, Winston-Salem, NC
Kamal M. F. Itani, MD, FACS, West Roxbury, MA

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Michael W. Mulholland, MD, FACS, Ann Arbor, MI
Leigh A. Neumayer, MD, FACS, Salt Lake City, UT
Karl C. Podratz, MD, PhD, FACS, Rochester, MN
Carla M. Pugh, MD, FACS, Chicago, IL
Lawrence Rosenberg, MD, FACS, Montreal, Quebec
Jiping Wang, MD, PhD, Boston, MA
Brian S. Zuckerbraun, MD, FACS, Pittsburgh, PA

STAFF LIAISONS:

Clifford Ko, MD, FACS, Los Angeles, CA
Karen Richards, Chicago, IL
Rhoby Tio, Chicago, IL

Committee on Trauma

The mission of the committee is to develop and implement meaningful programs for trauma care in local, regional, national, and international arenas. These programs include education, professional development, standards of care, assessment of outcome, and financial accountability.

CHAIR: Michael F. Rotondo, MD, FACS, Greenville, NC

VICE-CHAIR: Raul Coimbra, MD, PhD, FACS, San Diego, CA

MEMBERS:

Bizhan Aarabi, MD, FACS, Baltimore, MD
Roxie M. Albrecht, MD, FACS, Oklahoma City, OK
Dennis W. Ashley, MD, FACS, Macon, GA
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Marco J. Bonta, MD, FACS, Columbus, OH
Mark W. Bowyer, MD, FACS, Fairfax, VA
Mary-Margaret Brandt, MD, FACS, Ypsilanti, MI
Eileen M. Bulger, MD, FACS, Seattle, WA
Randall S. Burd, MD, FACS, Washington, DC
Charles S. Cox, Jr., MD, FACS, Houston, TX
Chris Cribari, MD, FACS, Fort Collins, CO
J. Kevin Croston, MD, FACS, Maple Grove, MN
Gregory J. Della Rocca, MD, FACS, Columbia, MO
William G. DeLong, Jr., MD, FACS, Bethlehem, PA
Julie A. Dunn, MD, FACS, Fort Collins, CO
Blaine L. Enderson, MD, FACS, Knoxville, TN
Samir M. Fakhry, MD, FACS, Charleston, SC
Stephen F. Flaherty, MD, FACS, Fayetteville, NC
Heidi L. Frankel, MD, FACS, Hershey, PA
Gregory M. Georgiadis, MD, FACS, Maumee, OH
Jamshid Ghajar, MD, FACS, New York, NY
Richard P. Gonzalez, MD, FACS, Mobile, AL
Vicente H. Gracias, MD, FACS, New Brunswick, NJ
Gerald A. Grant, MD, FACS, Durham, NC
David G. Greenhalgh, MD, FACS, Sacramento, CA
Ronald I. Gross, MD, FACS, Springfield, MA
Langdon A. Hartsock, MD, FACS, Charleston, SC
Sharon M. Henry, MD, FACS, Baltimore, MD
John B. Holcomb, MD, FACS, Houston, TX
Steven B. Johnson, MD, FACS, Phoenix, AZ
Richard J. Kagan, MD, FACS, Cincinnati, OH
David A. Kappel, MD, FACS, Wheeling, WV
Rosemary A. Kozar, MD, FACS, Houston, TX
Dr. David H. Livingston, MD, FACS, Newark, NJ
Douglas W. Lundy, MD, FACS, Marietta, GA
Mark A. Malangoni, MD, FACS, Philadelphia, PA
Daniel R. Margulies, MD, FACS, Los Angeles, CA
Robert T. Maxson, MD, FACS, Little Rock, AR
Daniel B. Michael, MD, FACS, Southfield, MI
Leon E. Moores, MD, FACS, Gaithersburg, MD
Allen F. Morey, MD, FACS, Dallas, TX
Peter C. Muskat, MD, FACS, Cincinnati, OH
Kimberly K. Nagy, MD, FACS, Downers Grove, IL
Michael L. Nance, MD, FACS, Philadelphia, PA
Arthur L. Ney, MD, FACS, Minneapolis, MN
Mims G. Ochsner, MD, FACS, Savannah, GA
Raymond R. Price, MD, FACS, Murray, UT
R. Lawrence Reed II, MD, FACS, Indianapolis, IN
Patrick M. Reilly, MD, FACS, Philadelphia, PA
Peter Rhee, MD, FACS, Tucson, AZ
Frederick B. Rogers, MD, FACS, Lancaster, PA
Jeffrey P. Salomone, MD, FACS, Atlanta, GA

Kennith H. Sartorelli, MD, FACS, *Burlington, VT*
 Gregory J. Schmeling, MD, FACS, *Milwaukee, WI*
 Gary D. Schmitz, MD, FACS, *Cheyenne, WY*
 Michael J. Sise, MD, FACS, *San Diego, CA*
 R. Stephen Smith, MD, FACS, *Columbia, SC*
 Wade R. Smith, MD, FACS, *Englewood, CO*
 Ronald M. Stewart, MD, FACS, *San Antonio, TX*
 Steven Stylianios, MD, FACS, *New Hyde Park, NY*
 Michael H. Thomason, MD, FACS, *Charlotte, NC*
 Glen H. Tinkoff, MD, FACS, *Newark, DE*
 Gail T. Tominaga, MD, FACS, *San Diego, CA*
 James G. Tyburski, MD, FACS, *Detroit, MI*
 Jamie S. Ullman, MD, FACS, *Elmhurst, NY*
 Nicholas B. Vedder, MD, FACS, *Seattle, WA*
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 Leonard J. Weireter, Jr., MD, FACS, *Norfolk, VA*
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 Jeffrey S. Young, MD, FACS, *Charlottesville, VA*
 Scott P. Zietlow, MD, FACS, *Rochester, MN*

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 John B. Kortbeek, MD, FACS, *Calgary, AB*
 Avery B. Nathens, MD, FACS, *Toronto, ON*
 Shelly D. Timmons, MD, FACS, *Danville, PA*

STAFF LIAISONS:

John Fildes, MD, FACS, *Las Vegas, NV*
 Carol Williams, *Chicago, IL*

Committee on Video-Based Education

To survey existing videos, decide upon subjects suitable for video illustration, and to determine and develop the demand for such videos.

CHAIR: Tonia M. Young-Fadok, MD, FACS, *Phoenix, AZ*

VICE-CHAIR: William B. Inabnet III, MD, FACS, *New York, NY*

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 William O. Richards, MD, FACS, *Mobile, AL*
 Don J. Selzer, MD, FACS, *Indianapolis, IN*

CONSULTANT:

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 Alessandro Fichera, MD, FACS, *Chicago, IL*
 Pascal R. Fuchshuber, MD, PhD, FACS, *Walnut Creek, CA*
 Michael A. Gold, MD, FACS, *Nashville, TN*
 Jon C. Gould, MD, FACS, *Milwaukee, WI*
 Randolph P. Guzman, MD, FACS, *Winnipeg, MB*
 Alan E. Harzman, MD, FACS, *Columbus, OH*
 Thomas H. Inge, MD, FACS, *Cincinnati, OH*

Dawn E. Jaroszewski, MD, FACS, *Scottsdale, AZ*
 Timothy D. Kane, MD, FACS, *Washington, DC*
 David A. Kooby, MD, FACS, *Atlanta, GA*
 James A. Lee, MD, FACS, *New York, NY*
 W. P. Andrew Lee, MD, FACS, *Baltimore, MD*
 L. Scott Levin, MD, FACS, *Philadelphia, PA*
 Robert R. Lorenz, MD, FACS, *Cleveland, OH*
 Jeffrey M. Marks, MD, FACS, *Cleveland, OH*
 Daniel L. Miller, MD, FACS, *Atlanta, GA*
 Jacob Moalem, MD, FACS, *Rochester, NY*
 Nicholas J. Morrissey, MD, FACS, *New York, NY*
 Sudish C. Murthy, MD, FACS, *Cleveland, OH*
 Stephen Y. Nakada, MD, FACS, *Madison, WI*
 Farr R. Nezhat, MD, FACS, *New York, NY*
 Sanjay R. Parikh, MD, FACS, *Seattle, WA*
 Adrian E. Park, MD, FACS, *Annapolis, MD*
 Lakshmikummar Pillai, MD, FACS, *Morgantown, WV*
 Alfons Pomp, MD, FACS, *New York, NY*
 Todd A. Ponsky, MD, FACS, *Cleveland, OH*
 Raj S. Pruthi, MD, FACS, *Chapel Hill, NC*
 Patrick R. Reardon, MD, FACS, *Houston, TX*
 Kevin M. Reavis, MD, FACS, *Portland, OR*
 Michael J. Rosen, MD, FACS, *Solon, OH*
 Steven S. Rothenberg, MD, FACS, *Denver, CO*
 Alan A. Saber, MB, BCh FACS, *Orange Village, OH*
 Joseph F. Sabik III, MD, FACS, *Cleveland, OH*
 Douglas P. Slakey, MD, FACS, *New Orleans, LA*
 Vivian E. Mack Strong, MD, FACS, *New York, NY*
 David J. Terris, MD, FACS, *Augusta, GA*
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Mission: To promote recruitment and retention of Fellowship within the American College of Surgeons (ACS) among women in the surgical specialties; to aid in the development of and enhance the leadership roles for women surgeons within the ACS as well as other surgical and medical organizations.

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Mission: To serve as an inclusive organization for Young Fellows (age 45 and younger); to provide opportunities for Young Fellows to be involved with College activities—four Work Groups are available: Advocacy, Communications, Education, and Member Services; to plan and conduct an annual Leadership Conference, which is held in conjunction with the Joint Advocacy Surgical Conference; and to present an Annual Forum during the College's Clinical Congress so that Young Fellows have opportunities to network with each other, to share their concerns, and to meet with members of the College's leadership.

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